

*Catalog*

1950-1951

Vol. XIX, No. 1



# BOISE *Junior* COLLEGE

# CATALOG

1950-1951

BOISE JUNIOR COLLEGE

BOISE, IDAHO

# BOISE JUNIOR COLLEGE CALENDAR

1950-51

## FIRST SEMESTER

Faculty Meeting—10:00 a.m. ....	Sept. 11, 1950
Freshman Pre-registration Tests .....	Sept. 12-13
Registration for Sophomores .....	Sept. 14
Registration for Freshmen .....	Sept. 15
Classes Begin .....	Sept. 18
Last Date for Change of Courses .....	Oct. 6
Last Date for Withdrawal from Course Without Grade .....	Oct. 6
Last Date for Removal of Incompletes .....	Nov. 10
Mid-semester Reports .....	Nov. 10
Thanksgiving Vacation .....	Nov. 23-26
Christmas Vacation .....	Dec. 16-Jan. 1, 1951
Semester Examinations .....	Jan. 25-30

## SECOND SEMESTER

Registration .....	Jan. 30-31
Classes Begin .....	Feb. 1
Last Date for Change of Courses .....	Feb. 23
Last Date for Withdrawal from Courses Without Grade .....	Feb. 23
Last Date for Removal of Incompletes .....	Mar. 30
Mid-semester Reports .....	Mar. 30
Easter Vacation .....	Apr. 12-15
Semester Examinations .....	May 22-25
Baccalaureate .....	May 27
Commencement .....	May 27

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# BOISE JUNIOR COLLEGE

## BOARD OF TRUSTEES

E. D. BAIRD                      OSCAR W. WORTHWINE  
MRS. ALFRED BUDGE, SR.  
R. S. OVERSTREET                      DON F. DALY

## OFFICERS OF THE BOARD

E. D. BAIRD ..... *President*  
OSCAR W. WORTHWINE ..... *Vice-President*  
C. F. POTTER ..... *Secretary-Treasurer*

## ADMINISTRATIVE OFFICERS

EUGENE B. CHAFFEE ..... *President*  
B.A., M.A., Litt.D.  
CONAN E. MATHEWS ..... *Registrar-Dean*  
B.A.  
CLYDE F. POTTER ..... *Business Manager*  
MARY T. HERSHEY ..... *Director of Admissions and Records*  
B.A.  
ADA P. BURKE ..... *Dean of Women*  
B.E., M.A.  
PAUL E. BAKER ..... *Dean of Men*  
B.A., B.D., S.T.B., M.A., Ph.D.  
W. L. GOTTENBERG ..... *Director of Publications and Student Affairs*  
A.B., M.A.  
RUBYLEE WHITE ..... *Chief Accountant*  
ELVA M. BASS ..... *Secretary to President*

## LIBRARY

MARY D. BEDFORD ..... Librarian  
B.A., M.S.

## MEDICAL SERVICE

BRUCE C. BUDGE ..... *Physician*  
M.D.  
LAURA LARSON ..... *Nurse*  
R.N.

# BOISE JUNIOR COLLEGE

## FACULTY

- ALLISON, THELMA F. .... *Home Economics* (1946)  
B.S.(H.Ec.), Utah State Agricultural College; University of Utah; Brigham Young University; M.S.(H.Ec.Ed.), Utah State Agricultural College.
- BAKER, PAUL E. .... *Dean of Men, Sociology, Philosophy* (1947)  
B.A., Trinity University; B.D., McCormick Seminary; S.T.B., Union Seminary; M.A., Columbia University; Ph.D., Columbia University.
- BECKWITH, VERNON J. .... *Woodworking* (1940)  
B.S., McPherson College; Lewiston Normal, College of Idaho.
- BEDFORD, MARY D. .... *Library Science* (1937)  
B.A., Whitman College; M.S.(Ed.), University of Idaho; Washington State College, University of Washington.
- BEST, JOHN H. .... *Orchestra, 'Cello, Theory* (1947)  
B.S., University of Idaho; M.A., Colorado State College of Education; 'Cello Pupil of Elias Trustman and Joseph Wetzel; Composition and Theory, pupil of J. DeForest Cline and Henry Trustman Ginsburg.
- BLANKLEY, GEORGE C. .... *Physical Education, Basketball Coach* (1948)  
B.A., College of Idaho; University of Idaho.
- BRATT, C. GRIFFITH .... *Theory, Choir, Organ* (1946)  
Mus.M., Artist's diploma in Organ, Peabody Conservatory of Music, Baltimore, Md., A.A.G.O. University of Baltimore, Johns Hopkins University; Choir, pupil of Louis Robert, Ifor Jones, and F. Melius Christiansen; Organ, pupil of Louis Robert, Charles Courboin, and Virgil Fox; Composition and Theory, pupil of Franz Bornschein, Katherine Lucke, Howard Thatcher, and Gustave Strube.
- BUCK, ELSIE M. .... *Mathematics* (1932)  
B.A., M.A., Ph.D., University of California; University of Chicago.
- BURKE, ADA P. .... *English, Dean of Women* (1940)  
B.E., Eau Claire College, Wisconsin; M.A., State University of Iowa; Wayne University, University of Wisconsin.
- BUSHBY, VINA J. .... *Secretarial Science* (1946)  
B.A., College of Idaho; M.S., Armstrong College, Oregon State College, San Jose State College.

- CATHERIN, JEAN ..... *Physical Education for Women* (1949)  
B.A., University of California; General Secondary, University of California.
- CHATBURN, ACEL H. .... *Education, Guidance* (1944)  
B.A., College of Idaho; Albion Normal; University of Idaho; M.A., University of Colorado.
- DE NEUFVILLE, ROBERT ..... *German* (1940)  
B.A., M.A., New College, Oxford; Dr. Jur., Marburg University; Geneva University, Berlin University, Columbia University.
- EDELFSSEN, CLISBY T. .... *Business* (1939)  
B.A., College of Idaho; M.S.(Ed.), University of Idaho; Armstrong Business College, Berkeley, California.
- EDWARDS, VERN W. .... *Body and Fender* (1948)  
University of Idaho, Southern Branch.
- EPP, KONSTANTIN ..... *Wood Winds and Brass* (1948)  
B.A., Ohio State University; Artist's Diploma in Oboe, Julliard School of Music; M.A., in Musicology, Columbia University; Studied conducting under Albert Stoessel, Rudolph Thomas, Louis Bostelmann; Musicology under Paul H. Long, Dr. Eric Hertzmann, Dr. Manfred Bukofzer; Studied also under Douglas Moore, Otto Luening, Bruno La Bate, and Michel Nazi.
- EVANS, CATHERINE ..... *Art* (1946)  
B.F.A. and graduate work, University of Washington; Art study, Art Students League, New York; Painting with Robert Brackman; Painting with Walter F. Isaacs, Archipenko; Lithography with Emilio Amero; Teacher's College, Columbia University.
- FAHEY, FRANK M. .... *History* (1948)  
B.A., University of Washington; M.A., Stanford University.
- FORTER, LUCILLE T. .... *Voice* (1939)  
Brenau College Conservatory, Georgia; Chicago Musical College; Pupil of Herbert Witherspoon, Plunkett Greene, London; Idelle Patterson, New York; Charles Granville, Chicago; Charles Rowden, Los Angeles; Walter Golde, New York; Richard Hageman, Beverly Hills.
- GILLIGAN, JAMES P. .... *Life Sciences* (1947)  
B.S.F., Washburn College; University of Michigan; M.F., School of Forestry and Conservation, University of Michigan.

- GOTTENBERG, W. L. .... *English* (1947)  
Minot State Teachers College; St. Olaf College; B.A., University of North Dakota; M.A., University of Montana; University of Oregon; University of Washington.
- HAHN, C. W. .... *Engineering* (1948)  
University of Nebraska; B.S., University of Colorado.
- HATCH, ADA Y. .... *English* (1932)  
B.A., M.A., University of Idaho; University of California; University of Chicago; University of Washington.
- HATFIELD, ROBERT O. .... *Psychology* (1949)  
B.A., M.A., University of California.
- HOUGHTON, WILFORD L. .... *Machine Shop* (1948)  
Puget Sound Navy Yard Machine School; Seattle-Tacoma Shipbuilders.
- HUNTER, ROBERT S. .... *Vocational Education* (1947)  
B.S., Carnegie Institute of Technology; M.Ed., University of Pittsburgh.
- KIDDER, E. E. .... *Engineering Drawing* (1948)  
B.C.E., University of Maine.
- LUCAS, FRANK C. .... *English* (1949)  
B.A., M.A., University of Chicago.
- LUDWIG, J. RUSSELL .... *Chemistry* (1948)  
B.S.(Ch.E.), Newark College of Engineering; B.A., M.A., Seton Hall College, New Jersey.
- MATHEWS, CONAN E. .... *Art* (1939)  
B.A., College of Idaho; Utah State Agricultural College, California School of Fine Arts, University of California, University of Denver, University of Utah.
- MEYER, CARROLL J. .... *Piano* (1948)  
Elkader Junior College; B.M., University of Michigan; Pupil of Ethel Leginska and Cecile de Horvath.
- MITCHELL, KATHRYN E. .... *Violin* (1932)  
Institute of Musical Art, New York; Pupil of Franz Maiercher, Konzertmeister des Staatsoper, Meister Schule, Vienna, Austria; Studies with Louis Persinger in the summer of 1941 and with Henri Temianka in 1946.
- MOORE, HELEN E. .... *English* (1947)  
B.A., Drake University; University of Washington.



- OBEE, DONALD J. .... *Life Sciences* (1946)  
Kansas City University; B.A., M.A., Ph.D., University of  
Kansas.
- OLSON, WILLIAM A. .... *Accounting* (1948)  
B.S., University of Idaho.
- POWER, CAMILLE B. .... *Spanish* (1932)  
B.A., James Millikin University; M.A., University of Illi-  
nois; Diplome, Universite de Poitiers, Institut d'Etudes  
Francaises de Touraine, Tours, France; University of Chi-  
cago, University of Mexico, University of Washington.  
Toured France, England, Belgium and Germany 1930-31,  
Mexico 1938, 1939 and 1947, Guatemala 1947.
- REA, THELMA M. .... *Education* (1949)  
Albion State Normal School; B.S., M.S., University of  
Idaho.
- ROE, HAZEL MARY .... *Secretarial Science* (1942-44; 1947)  
B.A., M.A., University of Idaho; Northwestern University.
- ROSS, CHARLES .... *Voice* (1949)  
Opera Oratoria and Concert Singer; Phillips University;  
Private teaching for 20 years. Studied with Ray Crittenden,  
Phillips University; Percy Rector Stephens, New York  
City; John C. Wilcox, Denver, Colorado; Harold Hurlbut,  
Los Angeles.
- SCHWARTZ, J. ROY .... *English* (1940)  
B.S., M.A., University of Oregon.
- SMITH, LYLE .... *Coach, Physical Education* (1946)  
B.S.(Ed.), M.S.(Ed.), University of Idaho.
- SNODGRASS, ELEANOR .... *Piano* (1946)  
Mus.B., Bethany College; Mus.M., American Conservatory  
of Music, Chicago; Piano, Mrs. Josef Lhevinne, New York;  
Piano, Carl Roeder, New York, Summer of 1948.
- SPULNIK, JOSEPH B. .... *Chemistry* (1941)  
B.S., M.S., Ph.D., Oregon State College.
- STEARNS, JEANNE G. .... *Mathematics, Physics* (1946)  
B.S., M.S., Tulane University; University of Pittsburgh;  
University of Colorado.
- WENNSTROM, HAROLD .... *Drama, Speech* (1944)  
B.S.(Ed.), M.S.(Ed.), University of Idaho; University of  
Southern California.
- WILLIAMS, KENNETH J. .... *Business* (1950)  
B.S., University of Oregon.
- YOUNG, JOHN R. .... *Business* (1947)  
B.Ed., Whitewater State Teachers College, Wisconsin;  
M.A., State University of Iowa.

## FACULTY COMMITTEES

1950-1951

## ACADEMIC ADVISORY COMMITTEE:

Mrs. Hatch, *Chairman*

Dr. Spulnik, Mr. Edelfsen, Dr. Obee, Mr. Hunter.

## SCHOLARSHIP:

Mr. Schwartz, *Chairman*

Mr. Chatburn, Miss Moore, Mrs. Stearns, Mr. Bratt, Mr. Fahey.

## GUIDANCE AND COUNSELING:

Mr. Hatfield, *Chairman*

Mrs. Burke, Mrs. Hershey, Dr. Baker, Mr. Young, Mr. Ludwig.

## STUDENT ACTIVITIES:

Dean Burke, *Chairman*

Miss Evans, Mr. Edlefsen, Mr. Williams, Mr. Gottenberg, Mr. Hahn, Miss Catherin, Mr. Wennstrom.

## ATHLETIC REPRESENTATIVE:

Mr. Gottenberg.

## ASSEMBLIES AND LYCEUM:

Mr. Schwartz, *Chairman*

Assisted by student representatives.

## FACULTY SOCIAL:

Mrs. Forter, *Chairman*

Mrs. Allison, Mr. Best, Mrs. Bushby, Mr. Houghton, Mr. Meyer.

## STUDENT AID, LOANS, AND SCHOLARSHIPS:

Dr. Buck, *Chairman*

Mr. Chatburn, Dr. Obee, Miss Roe, Dr. Baker.

## GRADUATION:

Mr. Gottenberg, *Chairman*

Mrs. Power, Mrs. Bedford, Mrs. Hershey, Dr. deNeufville, Miss Moore, Miss Snodgrass.

## EX-OFFICIO MEMBERS

President Chaffee ..... All Committees

Dean Mathews ..... All Committees

Mrs. Hershey, Admissions ..... Academic Advisory, Scholarship

Mrs. Bedford, Librarian ..... Academic Advisory

Mr. Gottenberg ..... Academic Advisory

# **PART I**

## **GENERAL INFORMATION**

## BOISE JUNIOR COLLEGE

### HISTORY

Boise Junior College was organized in the spring of 1932 in response to a demand for higher education in Boise. During the first two years, 1932-34, the college was sponsored by the Episcopal Church,, with the Right Reverend Middleton S. Barnwell, Bishop of Idaho, as its first president. In June, 1934, in response to an appeal from Bishop Barnwell, a board of public-spirited individuals assumed the responsibility of directing the school, and as a result a non-profit corporation was formed whose stockholders were Boise citizens interested in education. The buildings formerly housing the college had once been used for a girls' academy under the direction of the Episcopal Church. The Church generously donated the use of the buildings for the operation of the school.

In September of 1939 Boise Junior College began its first academic year as a public institution. In February, 1939, an enabling act permitting the formation of junior college districts was passed by the legislature, and signed by the governor. In accordance with the provisions of this law, the qualified school electors of a designated district voted by a large majority in favor of the establishment of Boise Junior College district.

In the fall of 1939, a city bond election for funds to build a college plant was approved by a 10-to-1 majority. The city of Boise donated the old municipal airport on the south bank of the Boise River for the new campus. By September, 1940, the administration building had been completed. During that school year a heating plant and gymnasium were built, followed by the erection of the student union building financed by the student body and the board of trustees of the private Junior College, the assembly-music building, and a vocational shop. The Junior College city-county health unit building is also located on the campus.

### THE PLAN

The program plans to meet the needs of those students who have graduated from high school and desire to continue their education with one of the following goals in view:

1. Those who plan to enter a senior college and desire courses of a general nature, university parallel or pre-professional courses.
2. Those who are interested in carrying their education a year or two beyond the high school level in preparation for immediate entrance into the general field of business and the professions.
3. Those who desire two years of general or cultural education beyond high school.
4. Adults who wish to continue general or special education; when it is desirable night classes can be arranged for this group.

### THE PLANT

Boise Junior College is located between Capitol Boulevard on the west and Broadway on the east, on the south bank of the Boise River across from Julia Davis Park. The campus, spacious and beautifully situated, is near the business district where many of the students find part-time employment. In this central location, the campus is easily reached by city bus, stage and train.

The administration building contains classrooms, laboratories, general administrative offices, and the library. The library, in the east end of the administration building, includes a large general reading and reference room and stacks. The library is open fifty-four hours weekly, and all books are easily accessible on the open shelf. Periodicals and daily newspapers are regularly received. The college library consists of approximately 13,256 volumes. Further library facilities in Boise are available to college students through the courtesy of the Boise Public Library, the State Traveling Library, and the State Historical Library.

The assembly hall seats seven hundred and fifty and provides not only a place for assemblies and social activities, but also quarters for the music department with practice rooms and studios. Equipped with a large stage, the building provides facilities for dramatic and musical performances.

A student union building provides a place for the students' social activities. This building is on a convenient part of the campus and is equipped with a large dining room, modern kitchen and fountain, comfortable lounges, and office space for extracurricular activities. It is supported by the student body and the board of trustees and is the means of pleasant associations for students while not in classes.

A large gymnasium, amply equipped with dressing rooms and showers and facilities for indoor sports, enables the college to carry out an extensive and varied physical education program. Adjacent to the gymnasium is the athletic field, and nearby are hard-surfaced tennis courts.

The health clinic houses the city and county health unit and offices of the college physician and nurses. Facilities of this building are available to the college for laboratory purposes and for classes in public health. This building harmonizes with the general architecture of the other campus structures.

A vocational building of concrete construction faced with brick to match the other buildings on the campus houses the radio and machine shops. Adjacent to this is a separate building housing the woodworking shop.

Two temporary buildings house the Biological Sciences laboratories and lecture rooms. These buildings are centrally located, being immediately adjacent to the administration building, assembly hall and student union.

### HOUSING ACCOMMODATIONS

The Boise Junior College has under construction two modern dormitories, one for men and one for women. Each dormitory has accommodations for 78 occupants (48 single rooms and 15 double rooms). Applications for rooms should be made to Boise Junior College.

The Dean of Men has charge of housing for the men; the Dean of Women for the women. All women students from out of town are required to live in dormitories unless other arrangements have been approved by the Dean of Women.

There are many opportunities for women students to work for their board and room, with or without extra pay, in homes approved by the Dean of Women.

There are forty-eight housing units located on the campus for married students attending Boise Junior College; veterans will be given preference. Applications should be addressed to the manager of the housing units.

### CULTURAL ADVANTAGES

Boise Junior College is located in the state capital, where students have the opportunity of observing the operation of all phases of the state government, legislature and courts, and many phases of the federal government, including the District Court.

Boise enjoys a mild climate and is a city of beautiful homes. There are splendid hotel facilities, many wide-awake civic organizations, churches of all the leading denominations, four radio stations, two well-equipped hospitals, an art museum, herbariums and aquariums, a state library of 40,000 volumes, and the Boise Public Library of approximately 52,000 volumes. The Boise Junior College Lyceum, a series of lectures and entertainments to be sponsored each year by the faculty and students, was inaugurated in 1944. Boise is favored by membership in the Community Concert Series and in the Idaho Concert and Artists Association, both featuring artists of national and international fame. They bring to Boise outstanding musical attractions each year. Students may obtain memberships in these organizations. A number of other fine concerts are given by local organizations throughout the year. The College A Cappella Choir and Pep Band make an annual tour through Idaho and nearby states.

### GENERAL EDUCATION IN BOISE JUNIOR COLLEGE

Being cognizant that, as a result of man's continual progress and advancement in all branches of learning and activity, society is today confronted with problems broader and more complex than those that have been presented to any other age for solution; and sensing, in part at least, some of the serious implications of such scientific discoveries as those involving atomic energy; and realizing that, in such complex and hazardous world conditions, the well-being

of the individual, of the nation, and of the world can be promoted only by intelligently cooperative actions of individuals and groups who are alert to the problems before them and who are informed about them; and knowing that attitudes and habits acquired in school form the foundation for actions in later life, it is the policy of Boise Junior College to strive to give to its students what assistance it can in preparing them to take their places in such a society.

This the College aims to do through various methods, some of which are:

1. The avoidance, in so far as possible, of narrowly specialized curricula; and the inclusion of general courses in the arts, humanities, and sciences, to accompany the necessarily specialized courses in some curricula.

2. The offering of some survey courses in various curricula, whose purpose is primarily to acquaint students with the broader aspects of the various branches of learning.

3. A course in Leadership, attended primarily by the leaders of the various student organizations on the campus but open to all students, the purpose of which is to equip the students with such knowledge and skills as will better enable them to perform their functions as leaders.

4. A conscientious guidance program, participated in by all faculty members and students, to assist students to find the fields in which they can achieve the greatest personal success and happiness, thereby contributing most effectively to the well-being of society.

5. Democratic relationship between administration, faculty, and students in the conduct of student affairs, through which students are encouraged and assisted to assume citizenship responsibilities for the direction and promotion of student activities.

6. An awareness on the part of all the faculty of the need for general education for effective citizenship, and a conscious effort by all faculty members to incorporate, wherever possible in all courses, such concepts, ideals, and attitudes as will promote this end.

#### HEALTH PROGRAM

Boise Junior College provides a health service for students in attendance. Each student will be required to take a physical examination at the beginning of his Freshman year, or upon entering Boise Junior College for the first time.

Medical examinations are to be taken by the student at an appointed time. For those who enter too late the first semester, or for any other reason fail to keep the appointment, and for those entering the second semester, a day will be set aside for make-up examinations at the beginning of the second semester.

The medical advice of the college physician, Dr. Bruce Budge, is

available one hour daily at the Health Center without charge to all students. Also between the hours of 9:00 and 12:00 a.m. a nurse will be on duty. The student may receive, as well as medical advice, treatment of any minor ailment or injury requiring bandaging and medication.

The college does not assume responsibility for the complete medical care of all students at all times. When specialists, consultants and special nurses or hospitalization are required, costs for such services are met by the student. All medical services and supplies in case of chronic or prolonged illness, or accidents, beyond ordinary first aid emergency treatment, are at the expense of the student, and he is free to choose his physician on a private basis.

#### GUIDANCE PROGRAM

The guidance program at Boise Junior College is designed to reach every student. Regardless of the nature of his problems the student at Boise Junior College is afforded the opportunity to discuss them with an advisor of his choice, or with a professional counselor.

The student in need of vocational guidance finds at his disposal the facilities of the College testing service here at no extra cost. The student has access to vocational guidance based upon his performance on tests that range from inventories of his interests to measures of his various aptitudes and abilities.

#### ACCREDITATION

Boise Junior College has been since 1932 an active member of the American Association of Junior Colleges. It is a member of the Northwest Association of Secondary and Higher Schools, and is fully accredited by that organization, by the State Board of Education, and the University of Idaho.

#### SCHOLARSHIPS AND LOANS

The American Association of University Women awards yearly a scholarship to some girl in the graduating class of Boise High School. The choice is made by a committee composed of members of the Association who are also members of Boise High School faculty, and three members appointed at large. In making awards, scholarship and need are considered.

The Idaho Daily Statesman gives a scholarship each year to a graduate of some high school in Southwestern Idaho or Eastern Oregon. This scholarship covers tuition, fees, books, room and board for the school year. Application should be made in the spring to the scholarship committee of the college.

The Exchange Club of Boise gives one full scholarship yearly to a worthy student, who may be either an entering freshman or sophomore.



A scholarship of \$50 is granted by the Provident Federal Savings and Loan Association of Boise, with the recipient selected on the basis of an essay contest participated in by Boise High School seniors.

A scholarship is given by the Junior Columbian Club to a girl graduate of Boise High School or St. Teresa's Academy.

Pioneer Chapter, Daughters of the American Revolution, gives a tuition scholarship each year to help some girl with a good scholastic record carry out her plans for a higher education.

Two or more girls graduating from Boise High School are recipients of tuition scholarships given each year by the Girls' Club of the High School.

Zeta Chapter of Beta Sigma Phi has established a scholarship to be presented each year to a girl graduate of Boise High School who has majored in commercial subjects.

The B'nai B'rith Award is given annually in honor of Noah S. Levine, a former student of Boise Junior College who gave his life in the service of his country. This award will be presented to a full-time student who, in the opinion of the faculty, is most deserving and who has participated most actively in the fields of public speaking, debate, dramatics, and radio broadcasting activities. Presented by the Nathan Falk Lodge No. 481, B'nai B'rith, Boise, Idaho.

The Altrusa Club of Boise has established a scholarship loan fund. This is a revolving fund designed to help as many girls as possible continue their education beyond high school.

Scholarships are given by the Valkyries, women's service organization of Boise Junior College, to girls of the college who have a high scholastic standing and who are in need of financial aid in order to continue their higher education.

The Associated Women of Boise Junior College award \$50 scholarships to girls from one of the high schools in Ada County.

Boise P.T.A. Council awards two \$75.00 scholarships to Boise High School graduates who plan to continue their training in the field of education.

The Boys' Federation of the Boise High School offers two scholarships of \$60 each to senior boys in Boise High School.

The Pan Hellenic Association of Boise awards annually scholarships to girls graduating from Boise High School.

An award of \$75.00 is made to some student from Boise or Ada County by the Columbian Club. This award is made annually.

The Boise Junior College Citizens' Loan Fund makes small loans available to students at a low rate of interest, during their attendance at the junior college.

Sam Ballantyne Loan Fund—Mr. Sam Ballantyne of Boise, Idaho, has made available for students attending Boise Junior College a

loan fund. The principal requisite for obtaining such a loan is a demonstrated sincerity in securing an education. Applications for such loans should be made to the President of the institution.

H. Albert Neal Loan Fund—Mrs. Iona E. Neal of Phoenix, Arizona, has set up this fund in memory of her husband, Mr. H. Albert Neal. It is a loan fund for students in the Education Department who plan to make teaching their profession, the money to be loaned at \$25.00 per month for a period of from one to two years. Application should be made to the Student Aid, Loans, and Scholarships Committee at Boise Junior College.

The Intercollegiate Knights at Boise Junior College have a loan fund of \$75.00 available to students attending this institution who show a need for such assistance.

La Societe des 40 Hommes et 8 Chevaux, Voiture Locale 311, Boise, Idaho, is offering a gift scholarship of \$25 to an outstanding and deserving second year student of French to commemorate the Idaho reception of the French Merci train. This award is to be given at mid-year. Applications should be submitted to the Scholarship Committee by December 1.

#### SCHOLARSHIPS TO GRADUATES OF THE JUNIOR COLLEGE

The American Association of University Women awards a scholarship to a young woman graduate of Boise Junior College who will attend the University of Idaho. The selection is made by a committee composed of the women members of Boise Junior College faculty who are also members of the Association, and three other members appointed by the President of the Association.

Occidental College and the College of Idaho each grant a yearly scholarship to some student selected from the graduating class of Boise Junior College. These awards are announced at commencement.

Other scholarships are offered by outstanding colleges and universities to graduates of Boise Junior College who rank high in their classes. In recent years several such awards have been made by Stanford University.

#### SCHEDULE OF FEES AND CHARGES

Veterans who plan to attend on the G. I. Bill of Rights under P. L. 346 or 16 must, upon registration, present their certificates of eligibility. Those unable to present a certificate of eligibility at the time of registration will be charged tuition and fees. Upon presentation of said certificate, complete refund will be made.

(Payable in Advance)

**Tuition:****District Residents—**

Regular Students (per semester)* .....	\$25.00
Part-time Students (per semester credit hour) .....	2.25

**Ada County Residents—(Residing outside of B.J.C. District)**

Regular Students (per semester)* .....	37.50
Part-time Students (per semester credit hour) .....	3.50

**Non-Resident—(Residing outside of Ada County)**

Regular Students (per semester)* .....	75.00
Part-time Students (per semester credit hour) .....	6.75

**General Deposit:**

Required of all students who enroll. Against this deposit will be charged such items as laboratory breakage, library fines, and damage to or loss of college property. The unused balance is refundable upon official withdrawal from college or completion of academic work for the year .....	5.00
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**Student Body Fee:**

Sponsoring athletics, entertainment, dramatics, publications, glee club, and other activities the Student Executive Board decides to include (per semester—includes \$.80 federal tax) .....	9.80
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**Special Fees:**

Photo Fee (Non-refundable) .....	.25
Final Examination at other than scheduled time .....	1.00
Graduation Fee (Non-refundable) .....	3.00
Student Cap and Gown Rental .....	2.00
Transcript: One sent free; extras, each .....	1.00
Student Union—Building, maintenance and support—per semester (Non-refundable) .....	2.00
Health and Medical (per semester) .....	3.50

**Late Registration:**

Students whose registration is not completed, including payment of all required fees, during the days specified as registration days will be charged a **Late Registration Fee** of \$2.00 for the first day and 50 cents additional for each day thereafter up to a maximum of \$5.00. (Non-refundable.)

\* Refer to page 29 for the definition of a full time student.

**General Fees:****Laboratory, Lecture and Studio Fees—**

Art Fees 11, 12, 21, 23, 25, 31, 41, 42, 52, 61, 62, 71, 73, 81, or 82 .....	per semester	\$ 1.50
Bacteriology Laboratory Fee 51 .....	per semester	6.00
Biology Laboratory Fee 1 or 2 .....	per semester	6.00
Botany Laboratory Fee 1, 2, 24 or 52 .....	per semester	6.00

**Business:**

Office Machines Rental—Typing 15, 16, 65 or 66 .....	per semester	6.00
Office Machines Rental — Office Ma- chines 75T or 76T .....	per semester	6.00
Chemistry Laboratory Fees 1, 2, 11, 12, 31, 32, 51, 52, 71 or 72 .....	per semester	6.00
Engineering Laboratory Fees 1, 2, 71 or 75 .....	per semester	6.00
Machine Tool Laboratory Fee 32, per credit hour per semester		9.00

**English:**

Play Production Fee 43 or 44 .....	per semester	6.00
Radio Production Fee 45 or 46 .....	per semester	2.00
Forestry 1 .....	per semester	2.00
Forestry 51 .....	per semester	6.00
Geology Laboratory Fee 11, 12 or 52 .....	per semester	6.00
History Fee 1, 2, 21, 22, 31, 32, 52 .....	per semester	1.50
Home Economics Fee 11, 12, 51, 52, 61 or 62 .....	per semester	6.00

**Music Fees:**

Orchestra 15 or 16 .....	per semester	1.50
A Cappella Choir 9 or 10 .....	per semester	1.50
Vocal Ensemble 13 or 14 .....	per semester	1.50
Instrumental Ensemble 13 or 14 .....	per semester	1.50

**Music Applied:**

Piano 19, 20, 61, 62, 019 or 020 .....	per lesson	2.00
Class Piano 19A or 20A, one hour per week .....	per semester	15.00
Voice 25, 26, 67, 68, 025 or 026 .....	per lesson	2.00
Class Voice 25A or 26A, one hour per week .....	per semester	15.00
Organ 21, 22, 63, 64, 021 or 022 .....	per lesson	2.50
Violin 23, 24, 65, 66, 023 or 024 .....	per lesson	2.00
Class Violin 23A or 24A, one hour per week .....	per semester	15.00
Cello 27, 28, 69, 70, 027 or 028 .....	per lesson	2.00
String Bass 37, 38, 037 or 038 .....	per lesson	2.00

Woodwind Instruments 29F, 30F, 029F, 030F, 29B, 30B, 029B, 030B, 29C, 30C, 029C, 030C, 71F, 72F, 71B, 72B, 71C, or 72C .....	per lesson	2.00
Brass Instruments, 31T, 32T, 031T, 032T, 31TB, 32TB, 031TB, 032TB, 31H, 32H, 031H, 032H, 81T, 82T, 81TB, 82TB, 81H, 82H .....	per lesson	2.00
Music—Rental Fees:		
Practice Room with Piano for one hour daily, six days per week .....	per semester	6.00
Organ Rental one hour per day .....	per week	1.00
Philosophy 51 or 52 .....	per semester	1.50
Physical Education, Towel and Class Fee 1, 2, 21, 22, 23, 24, 32, 34, 36 .....	per semester	3.00
Swimming Fee 53a, 53b, 54a, 54b .....	per semester	5.00
Physics Laboratory Fee 1, 2, 51 or 52 .....	per semester	6.00
Practice Teaching 61 or 62 .....	per semester	6.00
Psychology Fee 1, 11, 22, 52, 54 or 62 .....	per semester	1.50
Shop Laboratory Fees:		
Auto Body and Fender T1, T2, T11, or T12 .....	per semester	90.00
Radio 1T, 2T, 11T or 12T .....	per semester	90.00
Machine 1T, 2T, 11T or 12T .....	per semester	90.00
Woodworking 1T, 2T, 11T, 12T, 51T, 52T, or 55T .....	per semester	90.00
Sociology 1, 2, 11, 12, 41, or 42 .....	per semester	1.50
Zoology Laboratory Fee 1, 2, 52 or 54 .....	per semester	6.00

## REFUNDS

Students who withdraw from the College during the first six weeks of a semester will be entitled to receive the following refund on tuition, general fees, (except non-refundable) and student body fees (if activity ticket is returned) paid for that term:

If withdrawal is made within the first two weeks of a term, 80% will be refunded; after two weeks and within four weeks, 60%; after four weeks and within six weeks, 20%; after six weeks, no refund will be allowed.

Application for refund must be made to the Business Manager at the time of withdrawal and within the time limits mentioned.

Refunds in Applied Music will be arranged with the instructor concerned.

### AUDITING OF ACCOUNTS

All funds for public purposes within the College and subject to the jurisdiction of either the College or the Associated Student Body and which are contributed to or collected by any student or faculty member shall be deposited with the Business Manager, subject to withdrawal upon written approval of the proper authorities. An accounting of all receipts and expenditures in the funds shall be made by those responsible for their collection immediately after they shall have been disbursed, this accounting to be audited by the Business Manager.

**PART II**  
**ADMISSION REQUIREMENTS**  
**REGULATIONS**  
**GRADUATION**

### ADMISSION REQUIREMENTS

Applicants for admission must be at least 16 years of age and must present satisfactory evidence of good moral character.

**Credentials.**—Students applying for admission to the Junior College are required to furnish credentials as follows:

- (a) An original transcript of high school credits signed by the principal, superintendent, or other authorized official.
- (b) Official transcripts and statements of honorable dismissal from each institution attended after high school graduation.
- (c) Personal data on the regular application-for-admission blanks.

Blanks for furnishing personal data may be obtained on application to the Registrar. High school, normal, and college records should be furnished on the transcript blanks of the institution at which the work was taken. All credentials must be sent directly to the Registrar of the Junior College at Boise, Idaho, **not through the student**. Prompt attention to these details will avoid delay in registration.

**Permits to Register**—Applicants for admission whose credentials have been accepted will be given permission to register for the following semester. Applicants will be saved much inconvenience and uncertainty if all their credentials are received by the Registrar in sufficient time for the settlement of any question through correspondence and the receiving of permits to register before the proposed date of admission. Before a student may register, he must have a permit signed by the Director of Admissions.

Veterans who plan to attend on the G. I. Bill of Rights under P. L. 346 or 16 must, upon registration, present their certificate of eligibility. Those unable to present a certificate of eligibility at the time of registration will be charged tuition and fees. Upon presentation of the certificate, complete refund will be made.

#### A. ADMISSION AS REGULAR STUDENTS

**By Certificate.**—Admission to the Junior College is based upon credentials showing: graduation from an accredited high school and presentation of 15 acceptable units earned from the ninth grade through the twelfth as listed below under Summary of High School Requirements. Twelve units must have been earned during the tenth, eleventh, and twelfth grades.

A "unit" represents a high school subject taught five times a week in periods of at least 36 weeks. A certificate of secondary school record should be filled out and signed by the superintendent, principal, or other official of the school in which the work was done. It should show the length of each course in weeks, the length of each recitation, and the grades of scholarship attained, including a record of all failures and conditions. All certificates accepted toward admission to Boise Junior College become the property of the college, and



are permanently filed among its records. They cannot be returned to the student, but certified copies will be issued if needed.

Academic units shall be defined as English (composition and literature), foreign language, mathematics, social studies, and natural science.

Elective units may be taken from the academic subjects named as well as from vocational and other subjects commonly given in high schools, with the following exceptions:

- (a) Spelling, penmanship, reviews, project work in conjunction with regular courses, and work which is primarily of the nature of extracurricular activities.
- (b) Less than one unit in foreign language, shorthand, typing or bookkeeping.
- (c) Less than one-half unit in any subject.
- (d) More than one unit in physical education and one in ROTC or two in ROTC.

Requirements for admission to the Junior College are summarized below. Students planning to attend senior college after completing work in the Junior College should present evidence of having had the high school courses listed under the title of the proposed senior college course. (For provisions for making up high school deficiencies, see page 28.)

**SUMMARY OF HIGH SCHOOL REQUIREMENTS**

**For Basic Lower Division College Curricula**

Minimum requirements:

	High Schools (Units)
English .....	3
Elementary Algebra .....	1
Plane Geometry* .....	(1)
Social Studies .....	2
Natural Science (from grade 10, 11 or 12) .....	1
Other Academic† .....	2
<hr/>	
Total Academic .....	10
Electives .....	5
<hr/>	
Total Units .....	15

**Letters and Science, Law (and Business)**

Minimum specified requirements as listed above, including two units of foreign language.

Exceptions may be made for Business, depending upon the requirements of the college or university to which the student plans to transfer.

\* For students who do not plan to pursue an academic course in a senior institution or for those who plan to transfer to an institution which does not require geometry from high school, one unit of other academic work will be acceptable.

† General Science is acceptable as an academic unit but not as a natural science.

**Engineering:**

Minimum requirements and

Advanced Algebra .....  $\frac{1}{2}$  unit  
 (Solid Geometry Recommended .....  $\frac{1}{2}$  unit)  
 (Physics recommended in addition to the unit in Natural  
 Science.)

**Education:**

One unit of high school mathematics (general, business, or advanced arithmetic) and one unit of natural science will meet the requirements in these fields. An additional unit of English beyond minimum requirements listed above is required of this group.

**For Semi-Professional Curricula**

For students not planning to qualify for an Associate of Arts title, but whose intention it is to complete 64 hours in one of the Semi-Professional curricula, or in an undesignated field, the requirement for entrance is graduation from high school with 15 acceptable units.

**Special Note.**—Students from accredited secondary schools who have completed the required number of units, but have not been graduated, may be admitted subject to the same grade regulations as graduates. (See scholarship requirements under "Regulations.")

**B. ADMISSION BY EXAMINATION**

Provision is made for admission of veterans and other students over eighteen years of age who have not been graduated from high school, but have achieved educational competence worthy of recognition by colleges, while in active service or during at least a year since leaving high school. Eligibility for admission will be determined on the basis of Educational Development Tests and Service Records. (See also paragraph 3 under "C. Admission as Special Students.")

**C. ADMISSION AS SPECIAL STUDENTS**

Persons over twenty-one years of age who are unable to meet requirements as regular students and desire to take special studies may be admitted on special status upon presentation of satisfactory evidence that they are qualified to enter upon the work. Save in very exceptional cases, students will not be admitted directly from the secondary schools to this status. In such cases, the principal of the last high school attended will be consulted. All persons who have not completed secondary school are urged to do so before applying for admission to the Junior College.

Graduates of accredited high schools are expected to qualify for regular undergraduate standing in accordance with the general rules.

A special student is not eligible to become a candidate for graduation until he has satisfactorily met entrance requirements or until

he has completed 32 semester hours of work in the college with a grade point average of 1.5 or better.

#### **D. ADMISSION TO VOCATIONAL SHOP COURSES**

Any person who is seriously interested in becoming a skilled craftsman will be admitted to these courses. Graduation from high school is not necessary; neither are there any prerequisite course requirements, provided the student has been out of high school at least one semester. The college does not admit any applicants under eighteen years of age who are attending high school at the time of application. In rare instances, however, a high school student may be admitted provided his high school principal requests his admission. Students in the vocational curricula who plan to enter certain extra-curricular activities must meet regular entrance requirements. (See eligibility requirements.)

#### **E. ADMISSION WITH ADVANCED STANDING**

##### **(a) From Other Colleges:**

Students entering from other colleges must present official transcripts mailed directly to the Registrar. Students entering from other institutions must comply with the same scholarship regulations as are applied to students previously enrolled in the college.

##### **(b) For Military Experience:**

Credit for in-service military experience shown on service records will be allowed in accordance with the recommendations set forth in "A Guide to the Evaluation of Educational Experiences in the Armed Services," published by the American Council on Education.

#### **F. ADMISSION WITH DEFICIENCIES IN GROUP REQUIREMENTS**

Students who qualify for admission to the Junior College but who fail to meet specific group requirements may be admitted with deficiencies to take courses for which they are prepared. All such deficiencies must be removed before graduation with an Associate of Arts title. Students entering with deficiencies will remove them by taking college courses, generally without college credit, or by taking work in a secondary school while taking part-time work at the college. College courses cannot be substituted for high school algebra and geometry. When college courses are taken to make up deficiencies, the time spent in such classes shall count twice as much toward making up such deficiencies as does an equal amount of time spent in high school.

### **REGULATIONS**

#### **A. PROBATION AND DISMISSAL**

Any student who during any nine-week grading period fails to

receive a passing grade in at least ten credit hours, if he is a full-time student, or who fails to pass in at least two-thirds of his work, if he is a part-time student, shall be placed on warned status. At the close of the next nine-week period if his record fails to show a passing grade in 10 credits or more, he will be placed on probation.

After one semester on probation a student may be dropped from the rolls of the college. At the discretion of the President he may be dismissed at the end of any nine-week period if he is failing in fifty percent of his work.

After having been dropped from the rolls or dismissed from the college for failure to meet the minimum scholastic standards, a student may be permitted to re-register after the lapse of one semester.

A student whose character and conduct are generally unsatisfactory may be dismissed from the college. The President reserves the right to handle special cases.

**Scholarship Requirements.**—Students who qualify for admission, but who rank in the lowest one-fourth of their graduating class or who fail to present recommending grades in at least two-thirds of the required units, will be admitted only on probation. Recommending grades are those which are at least one "step" (letter or other symbol) above the lowest passing grade in a system using four passing grades. In a purely decimal system, recommending grades are those which are at least ten points above the lowest passing grade.

Students on probation shall take minimum loads and it is recommended that they do not take part in outside time-consuming activities. Students placed upon probation during the second term shall take a lighter load than formerly and should try other courses as a means of determining their aptitudes.

#### B. ELIGIBILITY FOR EXTRACURRICULAR ACTIVITIES

In order to be eligible to represent the college or any student organization in extra-curricular activities a student must:

- (1) Be carrying 10 credit hours exclusive of required physical education.
- (2) Have passed 10 credit hours exclusive of required physical education in his last semester or term prior to participation (entering Freshmen excepted).
- (3) Not be on probation (see regulation on probation). Furthermore a student who enters more than three weeks late may not engage in intercollegiate athletic competition; for all other activities or offices he may be considered eligible if he has previously been enrolled in college and has attained a grade point average of 1.25.
- (4) Have met the entrance requirements and qualifications for regular status if enrolled in vocational or terminal curricula.

It is the responsibility of the faculty adviser or coach of each activity to see that the eligibility of all candidates is certified by the Registrar and filed with the Dean before participation.

### C. CLASSIFICATION OF STUDENTS

After registration students are classified as Freshmen, Sophomores, special, and part-time.

- (1) A student with less than 28 semester credits at the beginning of the semester will be classified as a Freshman.
- (2) A student with 28 credits or over will be classified as a Sophomore.
- (3) A student enrolled for 11 semester hours or over will be considered a full-time student. Veterans enrolled under P. L. 346 will be considered full-time students when carrying 12 credits of work in academic courses or 25 clock hours per week in vocational courses.
- (4) A student who is carrying less than 11 credits but has met entrance requirements for regular students will be classified as a part-time student; a special student is one who is unable or who for other reasons does not wish to qualify for regular status regardless of the credit or clock-hour load.

### D. ATTENDANCE AND ABSENCE FROM CLASS

Students are responsible for their attendance in the courses in which they are enrolled. Absences are reported through the registrar's office to the student's adviser and the Dean of the college.

A student who has been absent from a meeting of a class has lost some of the content of the course, regardless of the cause of the absence. If any student accumulates absences to the extent that further participation in the class seems to be of little value to him and detrimental to the best interests of the class, the instructor shall warn such student that further absences may cause him to fail the course or to be dropped.

### E. GRADING SYSTEM

- A. (90-100) Distinguished work—Three quality points per hour.
- B. (80-89) Superior work—Two quality points per hour.
- C. (70-79) Average work—One quality point per hour.
- D. (60-69) Passing work—No quality points per hour.
- F. Failure—No quality points per hour.
- Inc. Incomplete may be given in cases where work has been satisfactory up to the last three weeks in the semester. Work not made up within the first half of the semester after the student returns to college automatically becomes a failure, unless special extension of time is granted by the faculty.

- W. Official withdrawal within the first three weeks of the semester or while doing passing work. For procedure, see regulation below.

#### F. WITHDRAWAL

A student may officially withdraw from College only by securing a withdrawal permit from the Registrar, and having it signed by the same. He may withdraw from individual courses by having the permit endorsed by his instructor and signed by the Registrar, with whom it is filed. If a student withdraws before the end of the first three weeks of the semester, his grade shall be a W. After that time a grade of W shall be given if he is doing passing work at the time of withdrawal; if not, the grade of F shall be given. A student cannot take a W after the beginning of the last three weeks. A student who discontinues a course without an official withdrawal shall receive a grade of F.

#### G. MAXIMUM LOAD

No student shall be allowed to enroll for more than 17 hours without special permission, unless more hours are specified in his curriculum.

### GRADUATION

#### ASSOCIATE OF ARTS

Boise Junior College confers the title of Associate of Arts upon students completing 64 semester hours with a grade point average of C in one of the curricula listed on pages 28 to 42, or in a general curriculum.\* Requirements in the General Curriculum are: six hours of English, six hours of social studies, four hours of physical education, and one year's work in each of three of the following groups: (1) foreign language and English; (2) mathematics and science; (3) social studies; (4) business and home economics; (5) fine arts.

#### DIPLOMA

A diploma is granted to any student completing 64 semester hours of work for which the Junior College gives credit. This must include four hours of physical education. Semi-professional courses meet the requirements for a diploma. An average grade of C is required.

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\* Completion of this curriculum does not necessarily meet upper division requirements in any specific field in case of transfer to another college or university.

**PART III**  
**CURRICULA**

### CURRICULA

Boise Junior College offers three types of curricula:

1. Lower Division University Curricula
2. Semi-Professional Curricula
3. Two-Year Liberal Arts Curricula

#### LOWER DIVISION UNIVERSITY CURRICULA

The Lower Division University Curricula are designed for students who desire later to be transferred with Junior standing to the University of Idaho, or similar institutions of equivalent grade. It should be clearly understood by the student that all such institutions have their own entrance requirements, and any students interested in such prospective transfer should consult the latest catalogues of those colleges. The curricula set forth below under various headings are ordinarily sufficient to satisfy requirements of other colleges and universities.

#### ART CURRICULUM

This curriculum is designed for students who wish to major in either Commercial or Fine Arts. It is outlined to give the student those subjects required generally by four-year colleges or professional schools for advanced art study.

	First Semester	Second Semester
<b>Freshman Year:</b>		
English Composition .....	3	3
Foreign Language .....	4	4
Design and Color Composition .....	3	3
†Perspective, Lettering and Poster .....	2	2
Elementary Drawing and Painting .....	2	2
Physical Education .....	1	1
Elective .....	2	2
	17	17

	First Semester	Second Semester
<b>Sophomore Year:</b>		
*Psychology or Philosophy .....	3	2 or 3
Social or Laboratory Science .....	4	4
Art Electives .....	6	6
Art History and Appreciation .....	2	2
Physical Education .....	1	1
Health Education (one semester) .....	2	2
	16 or 18	17 or 18

\* Psychology for Commercial Art Students; Philosophy for Fine Arts.

† For students majoring in Commercial Art.



## JUNIOR COLLEGE A.B. CURRICULUM

<b>Freshman Year:</b>	<b>First Semester</b>	<b>Second Semester</b>
English Composition .....	3	3
*Social Studies .....	3 or 4	2 or 3
Foreign Language .....	4	4
Laboratory Science or Mathematics .....	4	4
Physical Education .....	1	1
Health Education (one semester) .....		2
	<hr/> 15 or 16	<hr/> 16 or 17

<b>Sophomore Year:</b>	<b>First Semester</b>	<b>Second Semester</b>
Survey of Literature .....	3	3
*Social Studies .....	3	3
Foreign Language .....	4	4
†Arts .....	2	2
Physical Education .....	1	1
Electives .....	3	3
	<hr/> 16	<hr/> 16

\* History, Political Science, Sociology, Psychology, Philosophy, Economics.

† Music, Drama, Literature, Fine Arts.

## JUNIOR COLLEGE B.S. CURRICULUM

## For All Science Majors

<b>Freshman Year:</b>	<b>First Semester</b>	<b>Second Semester</b>
English Composition .....	3	3
*Social Studies .....	3 or 4	2 or 3
Mathematics .....	4 or 5	4 or 5
Laboratory Science .....	4 or 5	4 or 5
Physical Education .....	1	1
Health Education (one semester) .....		2
	<hr/> 15 or 18	<hr/> 16 or 19

<b>Sophomore Year:</b>	<b>First Semester</b>	<b>Second Semester</b>
Survey of Literature .....	3	3
French or German .....	4	4
Laboratory Science or Mathematics .....	4	4
†Second Laboratory Science .....	4 or 5	4 or 5
Physical Education .....	1	1
	<hr/> 16 or 17	<hr/> 16 or 17

\* History, Political Science, Sociology, Psychology, Philosophy, Economics.

† For a major in Chemistry, Geology, Mathematics, Physics, or Psychology, Physics is required in the sophomore year.

## BUSINESS CURRICULA

## A. General Business

	First Semester	Second Semester
<b>Freshman Year:</b>		
English Composition .....	3	3
Business Mathematics .....	3	....
Introduction to Business .....	3	....
Economic Geography .....	....	3
History or Political Science .....	3	3
Laboratory Science, Mathematics or Foreign Language .....	4	4
Physical Education .....	1	1
Elective .....	....	3
	17	17

	First Semester	Second Semester
<b>Sophomore Year:</b>		
Principles of Accounting .....	3	3
Principles of Economics .....	3	3
Literature Survey Course .....	3	3
Social Studies .....	3 or 4	2 or 3
Physical Education .....	1	1
Health Education (one semester) .....	2	2
Elective .....	2 or 3	2 or 3
	17 to 19	16 to 18

## B. Secretarial Science

<b>Freshman Year:</b>	First Semester	Second Semester
Beginning Shorthand .....	4	4
Beginning Typing .....	2	2
English Composition .....	3	3
Social Science .....	3	2
Laboratory Science or Mathematics .....	4	4
Health Education (one semester) .....	2	2
Physical Education .....	1	1
	19	18

<b>Sophomore Year:</b>	First Semester	Second Semester
Intermediate Dictation .....	4	4
Advanced Typing .....	2	2
Office Practice .....	3	...
Office Technique and Management .....	...	2
Secretarial Science .....	...	3
Principles of Economics .....	3	3
Literature Survey Course .....	3	3
Physical Education .....	1	1
Electives .....	2	...
	18	18

### EDUCATION CURRICULUM FOR ELEMENTARY SCHOOL TEACHERS

	First Semester	Second Semester
<b>Freshman Year:</b>		
English Composition .....	3	3
Introduction to Education .....	2	....
General Psychology .....	....	4
General Biology .....	4	4
History of The Americas .....	3	3
Health Education .....	....	2
Physical Education .....	1	1
Fundamentals of Music .....	1	....
Fundamentals of Speech .....	2	....
Elementary School Library .....	1	....
*Typing .....	—	—
	17	17

	First Semester	Second Semester
<b>Sophomore Year:</b>		
Education—Curriculum and Methods .....	3	3
Audio-Visual Aids in Education .....	2	....
Observation and Directed Teaching .....	2	....
Directed Teaching .....	....	5
Idaho School Law and Problems .....	....	2
Public School Music Methods .....	2	....
Public School Art Methods .....	2	....
School Organization Management .....	....	3
American Government .....	3	....
Educational Psychology .....	....	3
Child Development .....	3	....
	17	16

\* Recommended elective for all Education majors, without previous typing experience; students who have gained sufficient proficiency to type a minimum of 50 words per minute will not need to take this course.

Additional courses are available at Boise Junior College to complete the requirements for the Pre-Professional Elementary Certificate. Consult head of Education Department for information.

Students from other schools must take at least one year of teacher training before they can be recommended for certification. Because of the high requirements of the profession of teaching, it is not desirable that the Boise Junior College recommend for certification any student with a grade "D" in any of the required courses as set forth above. It is recommended that courses in which the grade of "D" has been received be repeated for higher standing. An average of "B" is recommended as highly desirable in all of the required subjects.

- b. Four semester hours of general educational psychology.
  - c. Four semester hours of educational methods.
  - d. Credit in Idaho School Problems, Law and History.
2. A minimum of 32 semester hours of credit in the following general courses: English, including English Composition; Social Science, including American History and Government; Science; Mathematics; Art; Music; Health and Physical Education.

## ENGINEERING CURRICULUM

	First Semester	Second Semester
<b>Common Freshman Year:</b>		
English Composition .....	3	3
Freshman Mathematics (Engineering) .....	5	5
General Chemistry .....	5	5
Engineering Drawing .....	3	3
Engineering Lectures .....	1	....
Engineering Problems .....	....	2
Physical Education .....	1	1
Health Education (one semester) .....	2	....
	<hr/> 20	<hr/> 19

## Chemical Engineering

	First Semester	Second Semester
<b>Sophomore Year:</b>		
Calculus .....	4	4
Elementary German .....	4	4
Introductory Analytical and Theoretical Chemistry .....	4	4
Engineering Physics .....	5	5
Physical Education .....	1	1
Mechanics (Statics) .....	....	3
	<hr/> 18	<hr/> 21

## Civil Engineering

Sophomore Year:	First Semester	Second Semester
Plane Surveying .....	3	....
Calculus .....	4	4
Engineering Physics .....	5	5
Physical Education .....	1	1
Mechanics (Statics) .....	....	3
Geology .....	4	....
Curves and Earthwork .....	....	2
Advanced Surveying .....	....	3
	—	—
	17	18

## Electrical Engineering

Sophomore Year:	First Semester	Second Semester
Plane Surveying .....	3	....
Calculus .....	4	4
Engineering Physics .....	5	5
Mechanics (Statics) .....	....	3
(DC) Elementary Electrical Engineering .....	3	....
Mechanism .....	3	....
Machine Tool Laboratory .....	....	2
Elective .....	....	3 or 4
	—	—
	18	17 or 18

## Mechanical Engineering

Sophomore Year:	First Semester	Second Semester
Plane Surveying .....	3	....
Calculus .....	4	4
Engineering Physics .....	5	5
Mechanics (Statics) .....	....	3
Elementary Electrical Engineering .....	3	....
Machine Tool Laboratory .....	....	2
Electives .....	2	3
	—	—
	17	17

## FORESTRY CURRICULUM

<b>Freshman Year:</b>	<b>First Semester</b>	<b>Second Semester</b>
English Composition .....	3	3
Introduction to Chemistry .....	4	4
General Botany .....	4	4
General Forestry .....	2	...
Freshman Mathematics .....	4	4
Physical Education .....	1	1
	<hr/> 18	<hr/> 16

<b>Sophomore Year:</b>	<b>First Semester</b>	<b>Second Semester</b>
Plane Surveying .....	3	...
Systematic Botany .....	...	5
Principles of Economics .....	3	...
Engineering Drawing .....	...	4
Dendrology .....	4	...
Silvics .....	...	2
General Psychology .....	4	...
Health Education (one semester) .....	2	2
Physical Education .....	1	1
Fundamentals of Speech .....	...	2
	<hr/> 15 or 17	<hr/> 14 or 16



## HOME ECONOMICS CURRICULUM

<b>Freshman Year:</b>	First Semester	Second Semester
Introduction to Chemistry .....	4	4
English Composition .....	3	3
Introduction to Home Economics .....	2	....
Marriage and the Family .....	....	3
Clothing: Selection, Purchase and Care .....	3	3
Art Structure in Design and Color .....	2	2
Physical Education .....	1	1
Health Education (one semester) .....	2	2
Elective .....	1	....
	16 or 18	16 or 18

<b>Sophomore Year:</b>	First Semester	Second Semester
*Organic Chemistry .....	3	3
General Zoology .....	4	....
Physiology and Anatomy .....	....	4
Foods and Nutrition .....	3	3
Housing and House Planning .....	3	....
Interior Design and Home Furnishing .....	....	3
Social Studies .....	3 or 4	2 or 3
Physical Education .....	1	1
	17 or 18	16 or 17

\* For those planning to major in Nutrition and Dietetics.

## MUSIC CURRICULUM

<b>Freshman Year:</b>	<b>First Semester</b>	<b>Second Semester</b>
English Composition .....	3	3
General Psychology .....	4	.....
Beginning Harmony .....	3	3
Ear Training (Beginning) .....	1	1
§Choir .....	2	2
Applied Music .....	2	2
Physical Education .....	1	1
*Beginning Keyboard Harmony .....	2	2
†Orchestra .....	1	1
Health Education .....	.....	2

17 to 19

16 to 18

<b>Sophomore Year:</b>	<b>First Semester</b>	<b>Second Semester</b>
French or German .....	4	4
Advanced Harmony .....	3	3
Ear Training (Advanced) .....	1	1
Applied Music .....	2	2
§Choir .....	2	2
History of Music .....	2	2
Music Appreciation .....	2	2
Physical Education .....	1	1
*Advanced Keyboard .....	2	2
†Orchestra .....	1	1

18 to 20

18 to 20

\* Required of Piano, Organ and Composition Majors only.

† Required of Orchestral Instrument Majors.

§ If entrance examination can not be met, student must meet credit requirement in another course agreed upon by the head of the Music Department and the College Dean.

**PRE-LAW CURRICULUM**

Same as the Junior College A.B. Curriculum.

**PRE-MEDIC CURRICULUM**

<b>Freshman Year:</b>	<b>First Semester</b>	<b>Second Semester</b>
English Composition .....	3	3
Zoology .....	4	4
General Chemistry .....	5	5
German or French .....	4	4
Physical Education .....	1	1
Health Education (one semester) .....	2	2
	<hr/> 17 or 19	<hr/> 17 or 19

<b>Sophomore Year:</b>	<b>First Semester</b>	<b>Second Semester</b>
Freshman Mathematics .....	4	---
Analytical Chemistry .....	4	4
Comparative Anatomy .....	---	5
German or French .....	4	4
General Psychology .....	4	---
Psychology of Adjustment .....	---	2
Physical Education .....	1	1
	<hr/> 17	<hr/> 16

## PRE-NURSING CURRICULUM

<b>Freshman Year:</b>	<b>First Semester</b>	<b>Second Semester</b>
English Composition .....	3	3
Zoology or Biology .....	4	4
Introduction to Chemistry .....	4	4
General Psychology .....	4	....
Physical Education .....	1	1
Psychology of Adjustment .....	....	2
Health Education (one semester) .....	....	2
	—	—
	16	16

<b>Sophomore Year:</b>	<b>First Semester</b>	<b>Second Semester</b>
Organic Chemistry .....	3	3
General Bacteriology .....	5	....
Foods and Nutrition .....	3	3
Sociology .....	3	3
Anatomy and Physiology .....	....	4
Physical Education .....	1	1
Elective .....	2	2
	—	—
	17	16

## PHYSICAL EDUCATION CURRICULUM

<b>Freshman Year:</b>	<b>First Semester</b>	<b>Second Semester</b>
English Composition .....	3	3
Zoology or Biology .....	4	4
Introduction to Physical Education .....	2	...
First Aid .....	...	2
Freshman Sports .....	1	1
Health Education (one semester) .....	2	...
Social Studies .....	3	3
Electives .....	2	3
	17	16

<b>Sophomore Year:</b>	<b>First Semester</b>	<b>Second Semester</b>
Fundamentals of Speech .....	2	2
General Psychology .....	4	...
Educational Psychology .....	...	3
School Room Management .....	2	...
Introduction to Education .....	...	2
Idaho School Law .....	...	2
Political Science or American History .....	3	3
Sophomore Sports .....	1	1
Technique and Skills of Sports .....	2	2
Electives .....	3	2
	17	17

## SEMI-PROFESSIONAL CURRICULA

The Semi-Professional Curricula are designed for students who do not intend to continue formal collegiate instruction beyond the Junior College.

They prepare the student for entrance into commercial life in a minimum of time. It should be thoroughly understood that, while most of the courses offered in these curricula are accepted as lower division transfer credits, because of the semi-professional nature of some of them, some credits indicated are applicable toward graduation from the Junior College only.

## BUSINESS CURRICULA

## A. General Business

	First Semester	Second Semester
<b>Freshman Year:</b>		
Principles of Accounting .....	3	3
Business Mathematics .....	...	3
Introduction to Business .....	3	...
Principles of Economics .....	3	3
English Composition .....	3	3
Health Education (one semester) .....	2	2
Physical Education .....	1	1
Electives (Recommended: Typing, Commercial Art, Economic Geography) .....	2 or 3	2 or 3
	<hr/> 17 or 18	<hr/> 17 or 18
	First Semester	Second Semester
<b>Sophomore Year:</b>		
Intermediate Accounting .....	3	3
Marketing .....	3	...
Retail Merchandising .....	...	3
Applied or General Psychology .....	3 or 4	...
Principles of Salesmanship .....	3	...
Principles of Advertising .....	...	3
Business Writing .....	...	3
Physical Education .....	1	1
Electives (Recommended: Business Mathemat- ics, Office Machines, Office Technique and Management, Commercial Law) .....	2 or 3	2 or 3
	<hr/> 15 or 17	<hr/> 15 or 16

## B. Secretarial Science

<b>Freshman Year:</b>	<b>First Semester</b>	<b>Second Semester</b>
Beginning Shorthand .....	4	4
Beginning Typing .....	2	2
English Composition .....	3	3
Business Mathematics .....	3	---
Health Education (one semester) .....	2	2
Physical Education .....	1	1
Electives (Recommended: Introduction to Business, Business Mathematics, Economics, Commercial Art) .....	3	6
	<hr/> 18	<hr/> 18

<b>Sophomore Year:</b>	<b>First Semester</b>	<b>Second Semester</b>
Intermediate Dictation .....	4	4
Advanced Typing .....	2	2
Office Practice .....	3	---
Office Technique and Management .....	---	2
Secretarial Science .....	---	3
General Psychology .....	4	---
Principles of Salesmanship .....	3	---
Principles of Advertising .....	---	3
Business Writing .....	---	3
Physical Education .....	1	1
Elective .....	2	---
	<hr/> 19	<hr/> 18

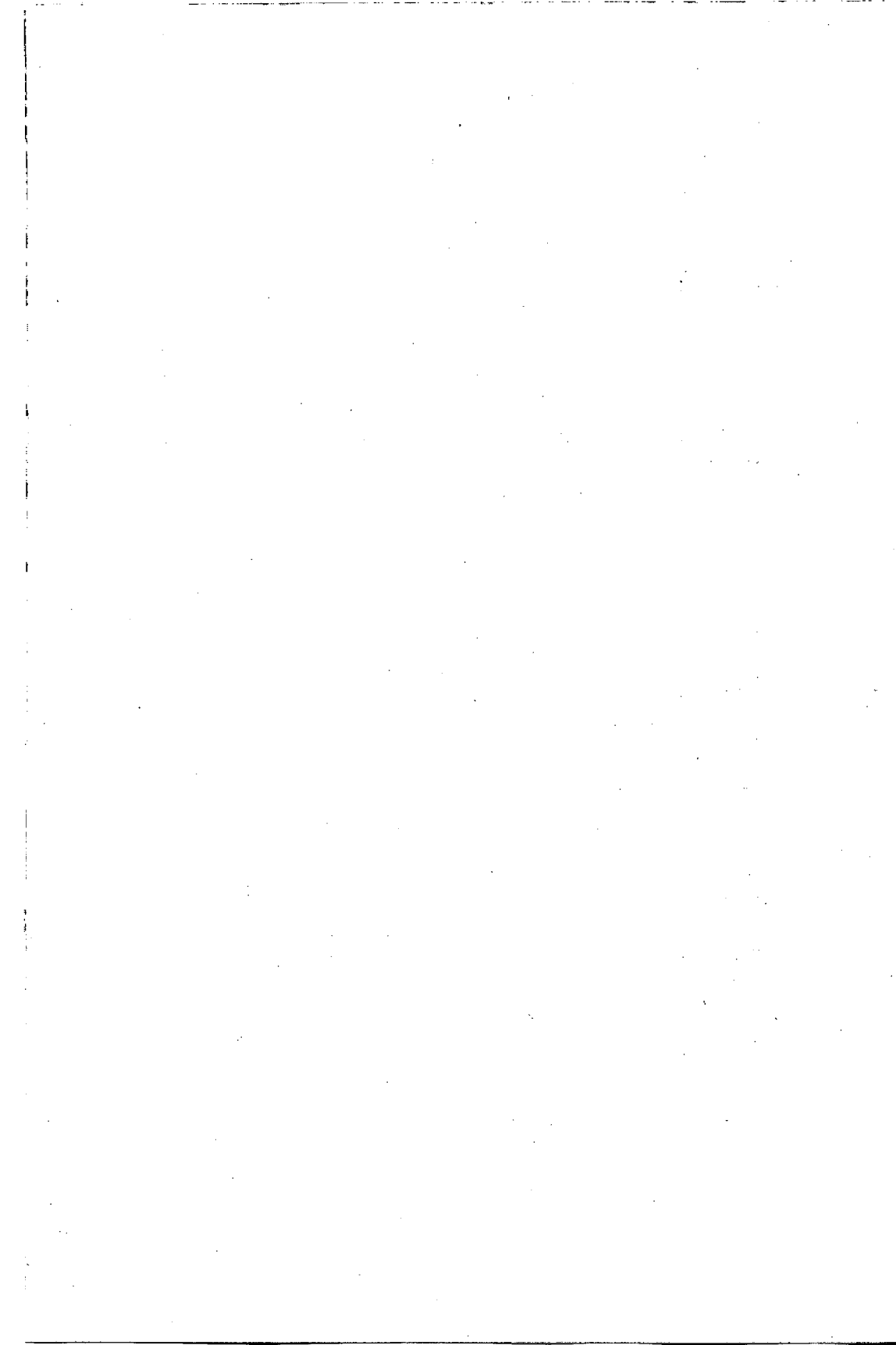
## VOCATIONAL CURRICULUM

The vocational curriculum below includes both the shop practice and related subjects. The student spends thirty hours per week in shop practice and related subjects. The student spends thirty hours per week in shop, five of which is related theory for which he receives ten credits each semester. Besides this, he devotes five hours each week to related subjects and receives an additional five credits. He may elect one course of two credits each year and, thereby, receive, at the end of two years, a diploma from the College. If he completes only the shop courses, he receives a completion certificate. Credits earned in this program are not applicable toward an academic degree.

	First Semester		Second Semester	
	Clk. Hrs. Per Week	Cr. Hrs.	Clk. Hrs. Per Week	Cr. Hrs.
<b>Freshman Year:</b>				
*Shop .....	30	10	30	10
(Including related trade information)				
Related English .....	2	2	—	—
Trade Mathematics .....	1	1	2	2
Blue Print Reading and Sketching .....	1	1	1	1
Materials of Industry .....	1	1	1	1
Safety for Trades .....	1	1	—	—
Elective .....	—	—	2	2
Totals .....	36	16	36	16
<b>*Sophomore Year:</b>				
Shop .....	30	10	30	10
(Including related trade information)				
Related English .....	2	2	—	—
Trade Mathematics .....	2	2	1	1
Blue Print Reading and Sketching .....	1	1	1	1
Materials of Industry .....	1	1	1	1
Industrial and Labor Relations .....	—	—	1	1
Elective .....	—	—	2	2
Totals .....	36	16	36	16

\* Any shop course being offered.





**PART IV**  
**DEPARTMENTS OF**  
**INSTRUCTION**

## DIVISION OF BUSINESS AND ECONOMICS

Clisby T. Edlefsen, Chairman

Business Administration: Mr. Edlefsen, Mr. Williams, Mr. Olson.

Economics: Mr. Young.

Secretarial Science: Mrs. Bushby, Miss Roe.

### BUSINESS ADMINISTRATION GENERAL BUSINESS

- 1 Introduction to Business** 3 credits First semester  
A survey course designed to acquaint the student with the various phases of business. Emphasis is placed on methods and problems of launching an enterprise, managerial control, labor relations, pricing, financing and marketing.  
Government relationships with business are studied. Lectures, class discussion and field trips.
- 11-12 Principles of Accounting** 3 credits Each semester  
An introduction to the science of accounting. A survey of bookkeeping fundamentals, the uses of various accounting records, and the construction and interpretation of financial statements. Theory and mechanism of modern accounting and account interpretation. A previous study of bookkeeping is not necessary, but advisable. One lecture and two 2-hour laboratory periods per week.
- 14 Economic Geography** 3 credits Second semester  
A study of regions and resources; factors affecting the location of industries; the geographical distribution of the natural resources and the effect on national growth and international trade.
- 21 Business Mathematics** 3 credits Either semester  
Comprehensive review and drill in fundamentals of arithmetic, and concrete relation to business usage. Decimals, fractions, percentage, interest, discount, etc. Practical problems in billing, figuring profits, markups, markdowns, trade discounts, cost and taxes. Interpretation of graphs and statistics; promissory notes; installment buying; securities, annuities; amortization. Required for business majors.
- 51-52 Intermediate Accounting** 3 credits Each semester  
A rapid review of basic accounting principles and procedures, followed by problems relating to the valuation and presentation of property, liability, and corporate proprietorship items, and the measurement of profit and loss. Analytical accounting procedures, and the preparation of advanced working sheets and comprehensive financial statements. The development of special reports, ratios, and other analyses.  
One lecture and two 2-hour laboratory periods per week.  
Prerequisite: Business 11 and 12, or the equivalent.

- 54 Business Problems** 3 credits Second semester  
A survey course of business problems in the field of management, organization, buying and selling, salesmanship and advertising. The student will select an individual business problem, approved by the instructor, prepare a research paper from all available sources, and present it for round-table discussion. Prerequisites: Business 61 or 62 and 71 or 72. Sophomore standing.
- 57-58 Commercial Law** 3 credits Each semester  
A study of the nature and classification of the law, the courts and court procedure, with particular reference to contracts, agency, personal property, negotiable instruments, and business organizations. Prerequisites: Sophomore standing; Bus. 11-12 recommended.
- 61 Marketing** 3 credits First semester  
Description and analysis of the marketing processes; study of cooperatives, wholesalers and retailers. Methods, policies and problems involved in marketing, with an evaluation of marketing institutions and middlemen according to the functions they perform. Lectures, class discussion, and field trips.
- 62 Retail Merchandising** 3 credits Second semester  
Types of retail stores; problems of store location, buying, merchandising, organization and management. Problems of retail store operation; salesmanship, advertising, display, personnel administration, methods of control, etc. Lectures, class discussion and field trips. Prerequisite: Business 1 or 61.
- 71 Principles of Salesmanship** 3 credits First semester  
A comprehensive presentation of the principles of modern selling, prefaced by a brief history of salesmanship and a justification of its position of importance in present-day distribution. The psychological aspects of selling are fully treated. Selling presented as both an art and a science. Time is devoted in class to actual selling of various articles by the students, a practical application of the principles taught.
- 72 Principles of Advertising** 3 credits Second semester  
History, objectives and policies of advertising; a study of media, regulation of advertising; coordination of advertising with other merchandising factors. A psychological study of the fundamental and social instincts of the human individual and their relation to the creation of effective advertising. The art department will conduct a part of this course and will feature problems in color, practical assignment in layout and typography; discussions on the various methods of reproduction, line cuts, halftones, and color processes.
- 74 Elements of Statistics** 3 credits Second semester  
Principles and practical application of statistical methods; visual charts of various types; simple averages, central tendencies, correlation, etc.; construction and interpretation of statistical indices, graphs and charts.  
Useful in economics and all social and natural sciences. Prerequisite: Business 1 or Math. 1.

- 82 Business Writing** 3 credits Second semester  
Theory of effective communication of ideas through the medium of the written word; sales letters; collection letters; publicity; reports; correspondence. Emphasis placed on correct English usage and clarity. Required of all semi-professional business majors. Prerequisite: Eng. 1-2; typing ability desirable.

### ECONOMICS

- 1-2 Principles of Economics** 3 credits Each semester  
Introduction to economic theory and an analysis of the operation and problems of the contemporary modern economic system.

### SECRETARIAL SCIENCE

- 5-6 Beginning Shorthand** 4 credits Each semester  
A beginning course in Gregg shorthand. Emphasis is placed on theory, writing skill and vocabulary development; skill in transcription is developed.

- 55-56 Intermediate Dictation** 4 credits Each semester  
Emphasis is placed on the building of a broad shorthand vocabulary and the development of high speed in dictation with rapid transcription: Prerequisite: Business 5-6, with C grade or better, or dictation speed of 80 words per minute. Students taking this course are required to take Business 85 and 86 concurrently.

- 85 Office Practice** 3 credits First semester  
Training in ordinary office routines, including the use of common duplication machines, filing, telephoning, and the use of various business forms. Open to second-year secretarial science students only. Required of students taking Bus. 55.

- 86 Secretarial Science** 3 credits Second semester  
Trait and personality development, intensive training in secretarial work on the private and executive secretarial level. Open to second-year secretarial science students only. Required of students taking Business 56.

- 87 Office Technique and Management** 2 credits Second semester  
A study of organization and management of an office, including personnel problems, records, ratings, the allocation of functions and responsibilities, and office supervision. Open to business administration and secretarial science students only.

### BUSINESS (Secretarial)

- 15-16\* Beginning Typing** 2 credits Each semester  
Intensive work in touch typewriting, with much drill to develop correct technique; course includes the typing of business forms, correspondence, etc.

- 65-66\* Advanced Typing** 2 credits Each semester  
Continued study of the technique of typewriting to develop high speed and accuracy. Advanced work in the use of business forms, including letters, legal work, and tabulation. Prerequisite: Business 15-16 with C grade or better or typing speed of 45 words per minute.

**75-76\* Office Machines 2 credits**

Each semester

Instruction in the operation of adding and calculating machines. All operations of the machines are studied. Business standards are demanded of students for satisfactory grades. One hour each day required for two credits. Schedule for use of machines will be adjusted to fit student's program. Preference must be given to sophomore students in the Business Administration and Secretarial Science Department. Recommended preliminary course: Business Arithmetic.

\* Credit not generally transferable.

**DIVISION OF HUMANITIES**

Ada Hatch, Chairman

Art: Mr. Mathews, Miss Evans.

English: Mrs. Hatch, Mrs. Burke, Miss Moore, Mr. Schwartz, Mr. Wennstrom, Mr. Lucas.

Foreign Language: Mrs. Power, Dr. de Neufville.

Music: Mr. Bratt, Mr. Best, Mrs. Forter, Mrs. Mitchell, Mr. Meyer, Miss Snodgrass, Mr. Ross.

Journalism: Mr. Gottenberg.

**ART****1-2 Art Appreciation 2 credits**

Each semester

A study of artistic expression in the fields of sculpture, painting and architecture, and the minor arts from the earliest times to the present. The course is completely illustrated with lantern slides, prints and reproductions. Two lectures per week.

**11-12 Art Structure in Design and Color 3 credits**

Each semester

Purely creative dark-light design carefully planned to give the student an understanding of the structural organization underlying drawing, painting, sculpture, commercial and industrial art, and interior decoration. Correlating the design activities, a scientific and esthetic study of the relationship, order, and movements in prismatic and modified colors is made. Six hours of studio per week.

**21 Lettering and Showcard 2 credits**

Either semester

Comprising a study of lettering technique and various alphabets, modern styles of letters will be emphasized along with spacing and lay-out for show cards. Four hours studio per week.

**23 Poster 2 credits**

Either semester

Problems in poster display involving lettering and simple illustration. A study of color will be made in relation to poster and display based on the psychology of advertising. Prerequisite: Art 21. Four hours studio per week.

**25 Perspective 2 credits**

First semester

A study of perspective for the student of commercial art, illustration or architecture. Pen and ink and wash drawing will be introduced in this course. Four hours studio per week.

- 31 Public School Art** 2 credits First semester  
 For students expecting to teach in the elementary schools. This course is especially designed to help prospective teachers construct outlines of courses for creative art activities in the elementary grades. Progressive methods and materials conducive to free and spontaneous expression are stressed. Four hours studio per week.
- 41-52 Elementary Drawing and Painting** 2 or 3 credits Each semester  
 Drawing from still life, cast and nature in charcoal, water color and pastel. Fundamentals of pictorial composition are stressed. Four or six hours studio per week.
- 52 Applied Design** 2 credits Second semester  
 The application of design through the processes of important crafts such as stenciling, block-printing, modeling and carving. Various techniques and media will be used. Emphasis is placed upon the development of appreciation for well designed hand and machine made products. Prerequisite: Art 11 and 12.
- 61-62 Advanced Commercial Art** 2 credits Each semester  
 This course involves special assignments in various techniques employed in advertising and commercial art; problems in layout, typography, and reproduction processes will be emphasized. Prerequisite: 21-23-25. Advisable to have had design and color composition and elementary drawing. Four hours of studio per week.
- 71-73 Landscape Painting** 1 credit Either semester  
 The class meets out-of-doors and draws or paints direct from nature. It is planned for beginners and advanced students. Work may be done in any medium the student is capable of handling. The class meets for a three-hour period once each week.
- 81-82 Advanced Painting and Pictorial Composition** 2 or 3 credits Each semester  
 This course includes painting in oil, water color and pastel of such subject matter as still life, figure and portrait. Emphasis is placed upon Space-Form interpretation, and its relation to the principles of composition. Prerequisite: Art 41-42 or its equivalent. Four or six hours studio per week.

### ENGLISH

Placement Test.—Each student entering college for the first time shall be required to take a standard English Placement test for the purpose of demonstrating his degree of proficiency in language fundamentals. Students transferring from other schools which require such a test may present their scores in lieu of this requirement.

- 1-2 Freshman Composition** 3 credits Each semester  
 The standard course in composition principles designed to fulfill conventional lower division group requirements. The general aim of the course is proficiency and skill in writing and the development of special techniques essential to successful expression. Class work is supplemented by individual conferences for guidance and criticism. Ample provision is made for the study of effective writing as well as practice in producing it.

- 11 Fundamentals of Speech** 2 credits First semester  
An elementary course for beginners in speech, designed to strengthen and develop confidence and poise in speaking to others. First principles are stressed, with an introduction to conversational, group, and informal public speaking.
- 12 Fundamentals of Speech** 2 credits Second semester  
Extension and elaboration of English 11, with an introduction to voice recording apparatus, voice analysis and criticism, drills and exercises for speech improvement, assigned classroom speeches. Prerequisite: English 11, or\*.
- 15 Pronunciation** 1 credit First semester  
A study of the pronunciation of French, Spanish, Italian and German. This course is designed to teach the correct pronunciation of these languages for the benefit of students of voice and public speaking and others who are interested in knowing how to pronounce foreign words correctly. Class limited to ten members. Meets twice a week for one credit.
- 17-18 Dramatic Literature** 2 credits Each semester  
A survey of dramatic literature from classical Greece to modern times. Students will read great plays from each significant period. The course is designed to acquaint the student with important dramatic types, aid him in critical evaluation of dramatic literature, and demonstrate to him the continuity of development in the theater. Recommended for drama majors.
- 21-22 Debate** 1 credit Each semester  
Participation in inter-college debate.
- 31 Advanced Speech** 2 credits First semester  
Primarily for students who want specialized voice training leading to careers in drama, radio, teaching, or public speaking. Emphasis on pronunciation, enunciation, and articulation, together with drills designed to increase voice quality and quantity. \*Prerequisite: English 11, 12, or\*.
- 32 Advanced Speech** 2 credits Second semester  
Continuation of English 31 with emphasis on expression, interpretation and voice projection. Primarily for speech, voice, or drama majors. Extracurricular speech assignments will be given all students. \*Prerequisite: English 11, 12, 31, or\*.
- 35-36 Advanced Writing** 2 credits Each semester  
**First Semester:** Further development of the basic principles of composition, simple description, dialogue and monologue through simple narrative.  
**Second Semester:** Short feature articles, familiar essay, short story, local color studies, poetry. Students receive individual guidance in developing their writing interests.  
This course is open to new students the second semester by consent of the instructor.

\* Special permission in writing from the instructor.



**Each semester**

**45-46 Radio Program Production and Technique**  
2 credits

**47-48 Stagecraft 2 credits**

**51-52 Survey of English Literature 3 credits**

**61-62 Survey of Modern Literature      3 credits**

**71-72 Survey of World Literature** 3 credits

**81-82 Survey of American Literature 3 credits**

A course introducing the student to the principal American writers from colonial times to the present, with consideration of American fiction, poetry, essay, and criticism as a reflection of American thought, ideals, and growth. Lectures and extensive reading. Fulfills sophomore literature requirements. Open to freshmen only by permission of instructor.

**JOURNALISM****1-2 Elements of Journalism    2 credits                      Each semester**

An introductory course in the fundamentals of newspaper practice. Class members will be given assignments on college publications.

First semester will be devoted to study and practice in story writing, interviewing, reporting, copyreading, editing, proofreading and newsroom projects.

Second semester will be devoted to an extension of the first semester's work, with emphasis on newspaper policy, makeup, editorial writing, headlines, art work, photography, features and advertising layout.

Each semester students will be given individual projects on college publications. The class lectures will cover the history, development, and social significance of American journalism.

**FOREIGN LANGUAGES****FRENCH****1n-2\* Elementary French    4 credits                      Each semester**

This course is designed to develop the student's ability in understanding, reading and expressing himself accurately and with correct pronunciation and intonation. The life, culture and customs of the French people, together with the experiences of everyday life, are emphasized in the instruction, and the conversational approach is used.

**11-12 Intermediate French    4 credits                      Each semester**

This course offers the student a comprehensive review of grammar with emphasis on idioms. The conversational approach is continued. Modern prose, short stories, and plays are read and discussed in French. Reports are given on extensive reading. Prerequisite: French 1n-2 or two years of high school French.

**51-52 Composition and Conversation****2 credits****Each semester**

Practical oral and written work based on extensive collateral reading. Class conducted entirely in French. Prerequisite: French 11-12 or four years of high school French.

**GERMAN****1n-2\* Elementary German    4 credits                      Each semester**

This course is designed to develop the student's ability in understanding, reading and expressing himself accurately and with a good pronunciation. Grammatical principles are developed along with the class work through repeated application rather than memorization. Idioms and pronunciation are stressed and the conversational approach is used.

\* No credit will be allowed toward graduation for the first semester of any beginning language until the second semester is completed.

- 11-12 Intermediate German** 4 credits Each semester  
 Reading of German texts with the aim of developing a sound reading knowledge of German. A systematic grammar review and practice in speaking and writing, as well as reports on collateral reading are included. Prerequisite: German 1n-2 or two years of high school German.
- 51-52 Composition and Conversation** 2 credits Each semester  
 Practical oral and written work based on extensive collateral reading adapted to the needs of the major field of study of the students enrolled. Prerequisite: Intermediate German or 4 years of high school German.

### SPANISH

- 1n-2\* Elementary Spanish** 4 credits Each semester  
 Oral method with laboratory practice with the sound mirror. Emphasis on conversation and comprehension of the spoken Spanish. Five class meetings weekly with one hour weekly devoted to conversation with a native informant.
- 11-12 Intermediate Spanish** 4 credits Each semester  
 The aim of this course is to give the student an accurate and fluent reading knowledge of modern Spanish and to increase his ability in conversation. Comprehensive review of grammar; study of idioms; reports on collateral reading. Prerequisite: Spanish 1n-2 or two years of high school Spanish.
- 1n-2-11-12 Accelerated Spanish** 8 credits Each semester  
 This course covers the regular work of Elementary and Intermediate Spanish. The class meets ten hours per week with additional laboratory periods for study with phonograph records. Due to the frequent class meetings, ability in conversation and in aural comprehension is attained to a greater extent in this class than in the normal classes. Application for admission to this class must be approved by the department head since the class is limited to a small group.
- 51-52 Conversation and Composition** 2 credits Each semester  
 Practical oral and written work entirely in Spanish, based on extensive collateral reading of Hispanic-American periodicals and standard literary works. Prerequisite: Spanish 11-12 or four years of high school Spanish.

### DEPARTMENT OF MUSIC

#### MUSIC THEORY

Primarily for Freshmen

- 1-2 Beginning Harmony** 3 credits Each semester  
 Part-writing of given melodies and basses in four voices. Covers intervals, triads and their inversions, dominant seventh and inversions, dominant ninth chords and inversions, neapolitan sixth, secondary sevenths, suspensions. Prerequisite: knowledge of key signatures and scales.
- 1A-2A Music Fundamentals** 1 credit Each semester  
 Primarily for non-music majors. Practice in elementary ear-training, sight-singing and musical dictation.

- 3-4 Ear Training** 1 credit Each semester  
Aural training on intervals, simple chords, melodies, easy rhythmic figures; parallels the written work of Harmony 1-2 and is pre- or co-requisite.
- 5-6 Keyboard Harmony** 2 credits Each semester  
Harmonization at the piano of melodies and basses. Makes application to the keyboard of all work taken in Beginning Harmony 1-2. Pre- or co-requisite: Harmony 1-2.
- 
- \* No credit will be allowed toward graduation for the first semester of any beginning language until the second semester is completed.
- 7-8 Music Appreciation** 2 credits Each semester  
An elective course open to all students in the junior college. It will give the student an opportunity to hear good music and learn to converse intelligently on the subject. Required of music majors in sophomore year.
- 9-10 A Cappella Choir**  
A course in unaccompanied singing. Audition required. In the spring semester each year a tour is made.
- 11-12 Accompanying** 1 credit Each semester  
Practical experience in accompanying singers and instrumentalists. Open to piano students with sufficient technique.
- 13-14 Instrumental or Vocal Ensemble** 1 credit Each semester  
A course designed to promote interest in small vocal or instrumental group work. Ensembles must make a public appearance at least once each semester in order to receive credit.
- 15-16 Orchestra** 1 credit Each semester  
Open to any student who is proficient in the use of some instrument of the modern orchestra.
- 17-18 Band** 1 credit Each semester  
An elective open to all students who can play a band instrument.  
Primarily for Sophomores
- 51-52 Advanced Harmony** 3 credits Each semester  
Passing tones, secondary sevenths and inversions, unprepared suspensions, embellishments, modulation, organ point, altered chords, anticipations, chords of the eleventh and thirteenth. Prerequisites: Beginning Harmony 1-2.
- 53-54 Advanced Ear Training** 1 credit Each semester  
Advanced melodic and rhythmic dictation. Two, three and four-part singing in treble and bass clefs. More advanced chromatic problems and modulation.
- 55-56 Advanced Keyboard Harmony** 2 credits Each semester  
Harmonization of melodies and basses at keyboard. Correlates with Harmony 51-52. Prerequisites: Music 1 & 2 and Music 5 & 6.
- 57-58 History of Music** 2 credits Each semester  
Beginning of music, music of the ancient world, medieval systems of notation. Influence of the Renaissance and Reformation. Rise and progress of opera and oratorio; classicism vs. romanticism. Music of the modern world.

- 59-60 Public School Music Methods** 2 credits Each semester  
 Materials, methods and problems relating to classroom music.  
 Elementary School Methods (grades 1 to 6); Junior and Senior  
 High School methods: conducting, technique of organization,  
 Course 60 is required for those preparing for high school teaching.

### APPLIED MUSIC

Applied Music does not come under general tuition. See schedule of fees.

Students requesting double credit in applied music must take examinations before the music faculty by the end of the semester in which the request is made. All students taking for double credit are required to perform before the faculty each semester and to play in one student recital as well.

All students applying for double credit are required to have, in addition to the prerequisites set forth under their respective instrumental divisions, a thorough knowledge of all major and minor scales and arpeggios. Required pieces must be memorized. (See instrumental divisions.)

Students must appear at least once each semester in a college recital to receive credit.

**Technique Prerequisites.**—For all applied music, instrumental and vocal: Scales in major and minor, rhythms of 2, 3, 4, at M.M.-80.

Three-toned arpeggios in major and minor, rhythms of 2, 3, 4, at M.M.-80.

### PIANO

**Piano Prerequisite:** At least one movement from a work such as a Haydn, Kullak, or Clementi sonata, and a two-part invention of Bach. Works of greater difficulty may be performed in lieu of these.

- 19-20 Piano** 2 or 4 credits Each semester  
 Scales, arpeggios, octaves, Czerny, Bach two-part inventions, Haydn, Mozart sonatas. Easy compositions of Mendelssohn, Chopin, Schumann.

- 019-020 Piano** 1 credit Each semester  
 Elective course for all college students with elementary ability. Not to be taken by piano majors.

- 61-62 Piano** 2 or 4 credits Each semester  
 Scales, arpeggios, octaves, Cramer studies, Bach three-part inventions, Mozart sonatas, Beethoven sonatas, pieces by Mendelssohn, Schubert, Grieg, and modern school of composition.

### ORGAN

**Organ Prerequisite:** Same as piano prerequisite, or, the ability to play, at the organ, hymns or short chorale preludes with accuracy.

- 21-22 Organ** 2 or 4 credits Each semester  
 W. T. Best's "Art of Organ Playing," Bach's short organ works, easy classic and modern compositions. Short fugal works will be expected of the pupil.

- 021-022 Organ** 1 credit Each semester  
Elective course for all college students with elementary ability.  
Not to be taken by organ majors.
- 63-64 Organ** 2 or 4 credits Each semester  
Larger organ works of Bach, including his more difficult fugal compositions. Compositions of Buxtehude and representative 19th century and modern compositions.

**VIOLIN**

Violin Prerequisite—Studies by Yaser and Dort; Schubert sonatas; Concertinos by Sitt and Accolai.

- 23-24 Violin** 2 or 4 credits Each semester  
Scales, arpeggios, studies by Kreutzer, Sevcik, Wilhelmj, Mazas, sonatas and concertos by Handel, Kreutzer, Rode, De Beriot.
- 023-024 Violin** 1 credit Each semester  
Elective course for all college students with elementary ability.  
Not to be taken by violin majors.
- 23A-24A Class Violin** 1 credit Each semester
- 65-66** 2 or 4 credits Each semester  
Scales by Gruenberg, Ritter. Studies by Kruezer, Fiorillo, Kneisel, Sevcik. Concerto by Rhode, DeBeriot, Mozart Sonata. Composition of medium difficulty.

**VOICE**

Voice Prerequisite—Sight reading moderately hard music; singing of even, flexible scales, singing of a group of good songs from memory.

- 25-26 Voice** 2 or 4 credits Each semester  
Breath control, tone production, diction, rhythm, Vaccai, or some similar technique book.
- 025-026 Voice** 1 credit Each semester  
Elective course for all college students with elementary ability. Not to be taken by voice majors.
- 25A-26A Class Voice Lessons** 1 credit Each semester  
This course is recommended for students who plan to teach in rural or city schools.
- 67-68 Voice** 2 or 4 credits Each semester  
Continuation of first-year technique. Marchesi, or a similar method. Artistry of phrasing and interpretation. Art songs of Schubert, Schumann, etc. Classics and moderns.

**CELLO**

Cello Prerequisite—One and two octave scales; elementary studies by Alwyn Schroeder and Werner; easy pieces.

- 27-28 Cello** 2 or 4 credits Each semester  
Major and minor scales in two and three octaves. First forty etudes by Alwyn Schroeder and Werner, Book I. Student concertos of medium difficulty and classic sonatas by Sammartini and Eccles. Compositions by Faure, Squire and others of medium difficulty.

**027-028 Cello** 1 credit Each semester  
Elective course for all college students with elementary ability. Not to be taken by cello majors.

**037-038 String Bass** 1 credit Each semester  
Elective course for any student with elementary ability.

**37-38 String Bass** 2 or 4 credits Each semester  
Major and minor scales in two and three octaves. Studies and etudes by Simandl, Hrabec, and Shmuklousky. Training in the orchestral parts of standard symphonies.

**69-70 Cello** 2 or 4 credits Each semester  
Three and four octave scales with various bowings. Etudes 40-80 by Alwyn Schroeder and Book II by Werner. Studies by Dupont. More difficult sonatas and concertos.

### WOODWIND

**29F-30F Flute** 2 or 4 credits Each semester  
Method, Wagner; studies, Anderson; standard solos.

**029F-030F Flute** 1 credit Each semester  
Elective course for students not majoring in flute.

**29B-30B Oboe** 2 or 4 credits Each semester  
Method, Salviani; Sellner, duets.

**029B-030B Oboe** 1 credit Each semester  
Elective course for students not majoring in oboe.

**29C-30C Clarinet** 2 or 4 credits Each semester  
Baermann, book two; standard solos.

**029C-030C Clarinet** 1 credit Each semester  
Elective course for students not majoring in clarinet.

**71F-72F Flute** 2 or 4 credits Each semester  
Continuation of first year's study; Anderson "Studies"; solos.

**71B-72B Oboe** 2 or 4 credits Each semester  
Continuation of first year's work; Ferling, "Studies"; solos.

**71C-72C Clarinet** 2 or 4 credits Each semester  
Continuation of first year's work; Baermann, books three and four; standard solos.

### BRASS

**31T-32T Trumpet** 2 or 4 credits Each semester  
Arban method; standard solos.

**031T-032T Trumpet** 1 credit Each semester  
Elective course for students not majoring in trumpet.

**31TB-32TB Trombone** 2 or 4 credits Each semester  
Arban method; standard solos.

**031TB-032TB Trombone** 1 credit Each semester  
Elective course for students not majoring in trombone.

**31H-32H French Horn** 2 or 4 credits Each semester  
Methods, Horner; Methods, Hauser.

- 031H-032H French Horn** 1 credit Each semester  
Elective course for students not majoring in French Horn.
- 81T-82T Trumpet** 2 or 4 credits Each semester  
Continuation of first year's work; Arban "Method." Solos.
- 81TB-82TB Trombone** 2 or 4 credits Each semester  
Continuation of first year's work; Arban "Method." Solos.
- 81H-82H French Horn** 2 or 4 credits Each semester  
Continuation of first year's work; Horner methods.

## DIVISION OF LIFE SCIENCES

Donald J. Obee, Chairman

Biological Sciences: Dr. Obee, Mr. Gilligan.

Home Economics: Mrs. Allison.

Physical Education: Mr. Smith, Mr. Blankley, Miss Catherin.

### BIOLOGICAL SCIENCES

#### BACTERIOLOGY

- 51 General Bacteriology** 5 credits First semester  
A general survey of the field of bacteriology, designed for students in the general science courses and as a foundation for advanced work in the subject. Three lectures and two 2-hour laboratory periods a week. Prerequisite: Chemistry 1-2. Chemistry 71 is recommended.

#### BIOLOGY

- 1-2 General Biology** 4 credits Each semester  
A general introduction into the study of plant and animal life, with an interpretation of the principles of morphology, physiology, ecology, embryology, and genetics as represented by both types of organisms. Emphasis on the above principles is placed on their relationship to man. This course is recommended for those students taking only a single course in biological sciences. Two lectures, one recitation period, and two 2-hour laboratory periods per week.

#### BOTANY

- 1-2 General Botany** 4 credits Each semester  
A study of the plant kingdom and its relation to human welfare. The relationship of plants to their environment, the structure of roots, stems, leaves and flowers, reproduction and heredity in plants, and the identification of some common species of local flora observed on field trips is also included. Two lectures, one recitation period, and two 2-hour laboratory periods per week.
- 24 Trees and Shrubs** 2 credits Second semester  
A course designed to acquaint the student with the more common native and cultivated trees and shrubs of the region with emphasis on their identification, growth habits, and uses in landscape planting. One lecture and one 2-hour laboratory period or field trip per week.



**52 Systematic Botany 5 credits**

Second semester

A laboratory, field and lecture course. The various systems of classification, and the use of keys and manuals are employed in identifying collected specimens of local flora. Prerequisite: Botany 1-2. Three lectures, and two 2-hour laboratory periods per week or equivalent field trips.

**ZOOLOGY****1-2 General Zoology 4 credits**

Each semester

The general problems of animal structure, physiology, adaptations, development, heredity, evolution, and life histories of representative and economic forms of the various phyla of the animal kingdom. Two lectures, one recitation period, and two 2-hour laboratory periods per week.

**41 Genetics 2 credits**

First semester

Lectures, readings and reports upon the theories and principles of heredity, to serve as a basis for advanced work in animal and plant breeding, and as a necessary background in the analysis of problems in sociology and eugenics. Two lectures per week. Prerequisite: Botany 1, Zoology 1, or Biology 1.

**52 Human Physiology and Anatomy 4 credits**

Second semester

For students in Home Economics and Pre-Nursing. Designed to give a general knowledge of the more important physiological problems and of the anatomical structure and functions of the human body. Two lectures and two 2-hour laboratory periods per week. Prerequisite: Zoology 1.

**54 Comparative Anatomy 5 credits**

Second semester

Dissection and study of representative types of vertebrates, together with lectures and discussions on general vertebrate anatomy with special reference to the evolution of the various organ systems. Two lectures and two 3-hour laboratory periods a week. Prerequisite: Zoology 1-2.

**FORESTRY****1 General Forestry 2 credits**

First semester

History of forestry, policy and social importance, timber management and protection, forest influences, and problems relating to forest range, watershed, and recreational areas. Two class periods per week.

**51 Dendrology 4 credits**

First semester

The identification, classification, geographical range, and utilization of the important trees of the U.S. Two lectures, recitation period, and two 2-hour laboratory periods per week.

**54 Silvics 2 credits**

Second semester

A study of the effects of climate, soil, physiography, biotic factors upon the individual tree, and forest stands including the forest cover on site conditions. One lecture and one 2-hour laboratory period per week. Prerequisites: Botany 1-2 and Forestry 1 and 51.

**HOME ECONOMICS****1 Introduction to Home Economics 2 credits**

First semester

An orientation course for college women dealing with academic and social adjustment, personal grooming, and survey of vocational opportunities in home economics. Open to all college women. Two lectures per week.

**11-12 Clothing: Selection, Purchase and Care**

3 credits

Each semester

Study of the problems involved in being suitably dressed on varying levels of income: care and selection of fabrics and clothing; may include methods and techniques of rehabilitating household furnishings. One hour discussion and two 3-hour laboratory periods per week.

**51-52 Foods and Nutrition**

3 credits

Each semester

Problems involved in feeding the family, emphasizing the planning, preparation and serving of nutritionally adequate, appetizing and attractive meals. Prerequisite: Chemistry 1-2. One hour discussion and two 3-hour laboratory periods per week.

**61 Housing and House Planning**

3 credits

First semester

Consideration of housing in relation to family living, present housing needs and practices affecting house construction and home ownership; problems involved in planning for economy, comfort and beauty in small house construction; detail drawings, consideration of the house and its environment, building materials, etc. Two lectures and two laboratory periods per week.

**62 Interior Design and Home Furnishing**

3 credits

Second semester

Aims to develop appreciation of beauty and suitability in home furnishings, materials and processes involved in construction and selection of home furnishings. Two lectures and two laboratory periods per week.

**PHYSICAL EDUCATION****Men****21 Football Participation**

1 credit

First semester

**22 Basketball Participation**

1 credit

Second semester

**23 Baseball Participation**

1 credit

Second semester

**24 Track Participation**

1 credit

Second semester

**34 Physical Education Activities**

1 credit

Each semester

Touch football, volleyball, basketball, tumbling, boxing, and softball. (Required of all students except veterans each semester.) Sections meet twice weekly at various hours.

**Women**

All students except veterans are required to have four semester credits of P.E. for graduation from junior college. Of these credits, one must be a team sport; the other three credits are elective.

**32 Physical Education Activities**

1 credit

Each semester

Sections meet twice weekly at various hours. The following activities are offered. Team sports: field hockey, volleyball, basketball, and softball. Individual sports: archery, badminton, and tennis.

**53 a. Beginning Swimming—Students furnish their own suits and caps.****b. Intermediate Swimming.****54 a. Beginning Swimming—Not open to students taking Swimming in P.E. 53a.****b. Life Saving—Course in Senior Life Saving for qualified students. Leads to Red Cross Life Saving Certificate.**

## Men and Women

- 5 Personal and Public Health** 2 credits Either semester  
This course deals with phases of health in which the student can aid in conserving the health of himself, his family and the community. It is concerned with such subjects as nutrition, communicable disease, sanitation, maternal and child hygiene, venereal disease, milk sanitation, and immunization. (Required of all students except veterans.)
- 25 Introduction to Physical Education** 2 credits First semester  
Designed to give the prospective physical education teacher, early training and understanding of what is involved in the profession.
- 26 First Aid** 2 credits Second semester  
Prevention and treatment of common injuries. Course leads to Standard Red Cross First Aid Certificate.
- 36 Physical Education Activities** 1 credit Each semester  
Section meets twice weekly at various hours. Activities suitable for co-recreational participation such as square dancing, badminton and tennis.
- 71-72 Technique and Skills of Sports** 2 credits Each semester  
A course designed to give the student a knowledge of the rules of sports, court and field dimensions, and experience in organizing and officiating at the various sports and activities.

**Recreational Activities.**

The college encourages participation in the various leisure and recreational activities. The gymnasium and all its facilities are available for student use. Intra-mural activities are conducted throughout the year in men's sports, and the Women's Athletic Association offers opportunities in a wide variety of activities. Ski enthusiasts may join the Boise Junior College Ski Club.

**DIVISION OF PHYSICAL SCIENCES**

Joseph B. Spulnik, Chairman

Chemistry: Dr. Spulnik, Mr. Ludwig.

Engineering and Physics: Mr. Hahn, Mr. Kidder, Mrs. Stearns.

Mathematics: Dr. Buck.

**CHEMISTRY****1-2 An Introduction to General Chemistry**

4 credits

Each semester

Lectures, recitations, and laboratory exercises. An introduction to the fundamental principles of chemistry, together with a study of the properties of the most common elements and compounds. High school chemistry is not required as a prerequisite. This course is designed primarily for those students whose interests may lie in fields other than chemistry. Three lectures, and one 3-hour laboratory period per week.

**11-12 General Chemistry** 5 credits Each semester  
A thorough study of the fundamentals and principles of chemistry involving their application to various elements. The second semester includes qualitative analysis on the semi-micro scale. This course is designed for students majoring in Chemistry, Pre-Medics, Engineering, Pharmacy and Science. Three lectures and two 3-hour laboratory periods per week. Recitations are included in the laboratory sessions.

**31-32 Inorganic Chemistry** 2 credits Each semester  
A study of the occurrence, metallurgy, chemical and physical properties and compounds of the elements of the Periodic Table. This course is especially suited for engineers and chemistry majors. The subject matter includes the modern theories involved in inorganic chemistry. Two lectures per week. Prerequisite: Chemistry 1-2 or 11-12.

**51-52 Introductory Analytical and Theoretical Chemistry** 4 credits Each semester  
An intensive review of the fundamental laws and theories of chemistry. These are applied and tested in the laboratory through qualitative analysis and quantitative analysis including both gravimetric and volumetric methods. The lecture work also includes an elementary study of a number of selected topics in physical and theoretical chemistry. Two lectures and two 3-hour laboratory periods a week. Prerequisite: Chemistry 1-2 or 11-12.

**71-72 Elementary Organic Chemistry** 3 credits Each semester  
An introductory course covering the fundamental principles and the more important applications of organic chemistry. The laboratory work will illustrate the technique and the typical methods for the preparation and study of simple organic compounds. The course will satisfy the organic chemistry requirements of certain curricula in Home Economics, Pre-Nursing, Pre-Dental, and Pre-Medical studies. Two lectures and one 3-hour laboratory period per week. Prerequisite: Chemistry 1-2 or 11-12.

## GEOLOGY

**11-12 Physical and Historical Geology** 4 credits Each semester  
An introductory course designed to acquaint the student with the causes and effects of rock weathering; wind, water and ice erosion and their depositions; the development of landscapes or topographies; internal forces of the earth. Laboratory periods are devoted to the study of topographic maps of type areas and examination of rock samples collected on field trips. Three lectures and one three-hour laboratory per week.

**52 General Mineralogy** 4 credits Second semester  
The mineralogically more important crystal systems are studied by the use of natural crystals. Two or three months are used to study and identify minerals by their physical properties; especially those properties most useful in field recognition. A like amount of time is devoted to the chemical study of minerals and blowpipe analysis. Geologic occurrence, association, alteration, and uses of minerals are included with the aim of giving a comprehensive understanding of the mineral kingdom. Three lectures and one laboratory or field trip per week. Prerequisites: Geology 11 and Chemistry 11-12 or 1-2.

## ENGINEERING

- A Engineering Lectures** 1 credit First semester  
A series of lectures given by practicing engineers of Boise and vicinity.
- 1-2 Engineering Drawing** 3 credits Each semester  
Freehand lettering: use of drawing instruments and equipment: orthographic drawings to include the principal, section and auxiliary views. Projections, Revolution, Dimensing, Fasteners, Working Drawings, Descriptive Geometry. Six hours laboratory per week.
- 12 Engineering Problems** 2 credits Second semester  
Training in methods of computation and anlysis of engineering problems. Two-hour laboratory. Open to freshmen only, co-requisite, enrollment in Math. 12.
- 32 Machine Tool Laboratory** 2 credits Second semester  
Use of machine tools: theory and practice. Six hours laboratory per week.
- 51 Introduction to Electrical Engineering** 3 credits First semester  
Theory of direct current and magnetic circuits. Prerequisites: Physics 1 or 51 and Math. 11. Three lectures per week.
- 58 Curves and Earthwork** 2 credits Second semester  
Theory of simple, compound and reverse curves: theory of the spiral easement curve and the vertical curve. Mass diagram and earthwork computation. Prerequisites: Engr. 71 and enrollment in Engr. 75. One lecture and one field laboratory per week.
- 62 Mechanics (Statics)** 3 credits Second semester  
Composition and resolution of forces: laws of equilibrium: forces in frames; centers of gravity; moments and products of inertia. Prerequisites: Mathematics 1 and Physics 51.
- 65 Mechanism** 3 credits First semester  
The elementary combinations of which all machines are composed. Communication of motion by various mechanical linkages. One lecture, six hours laboratory per week. Prerequisite: Math. 51 and 52.
- 71 Plane Surveying** 3 credits First semester  
Theory and use of transit, level, and minor instruments. Land surveying. Government methods of laying out public lands. One recitation and two 3-hour periods of field work and computation per week. Prerequisites: Mathematics 1 or 2, Engineering 1.
- 75 Advanced Surveying** 3 credits Second semester  
Theory and use of plane table, transit and stadia: triangulation and base line measurement: topographic mapping; star and solar observations. One lecture and two field laboratory periods per week. Prerequisite: Surveying 71.

## MATHEMATICS

- A Refresher Algebra** No credit First semester  
Three hours a week.

- B Plane Geometry** No credit First semester  
Three hours a week.
- C Solid Geometry** No credit First semester  
Two hours a week.
- 1-2 Freshman Mathematics** 4 credits Each semester  
College algebra, trigonometry and analytic geometry. Required in whole or in part of all students taking a mining, four-year forestry, or pre-medical curriculum. (See Part III of catalog.) Prerequisites: A year and a half of high school algebra and plane geometry. Students planning to take calculus should enroll in Math. 11-12.
- 11-12 Freshman Mathematics (Engineering)** 5 credits Each semester  
Subject matter same as Mathematics 1-2, with additional emphasis on computation and upon construction and interpretation of graphs. Required for pre-engineering students. Prerequisites: year and a half of high school algebra and plane geometry.
- 51-52 Calculus** 4 credits Each semester  
Fundamental principles and applications of differential and integral calculus. Prerequisite: Mathematics 11-12.

### PHYSICS

- 1-2 General Physics** 4 credits Each semester  
Mechanics, sound, heat, light, magnetism, and electricity. This course satisfies the science requirement for the Bachelor of Arts and Bachelor of Science curricula, and may be taken by forestry and pre-med students. Three lectures and one laboratory period per week. Prerequisite: college algebra or a qualifying mathematics test.
- 51-52 Engineering Physics** 5 credits Each semester  
This course is intended for students in the physical sciences and in engineering, and must be preceded or accompanied by calculus. Three 1-hour lectures and two 1-hour recitations and one 3-hour laboratory per week.

## DIVISION OF SOCIAL SCIENCES

....., Chairman

Education: Mr. Chatburn, Miss Rea.  
History: Mr. Fahey.  
Psychology: Mr. Hatfield.  
Sociology: Dr. Baker.

### EDUCATION

- 1 Introduction to Education** 2 credits First semester  
A general introductory course in education to give the student, as early as possible in his preparation for teaching, some familiarity with the teaching profession. It deals with the work of the teacher, the fundamental social and historical background for teaching, and contrasts the American school system with foreign school systems. This course helps the student decide whether or not he should become a teacher.

- 3 Schoolroom Management** 3 credits First semester  
This course deals with actual class-room situations. It not only deals with the physical features of school management but considers studying, recitation, discipline, curricula and person-ability. Rural school problems are considered as well as city school problems.
- 23 Idaho School Problems and Law** 2 credits Second semester  
Idaho School Law, contemporary school problems and the civil government of Idaho are considered in this course. Required of all people who expect to be recommended for a Teacher's Certificate in Idaho.
- 31 Child Development** 3 credits First semester  
A comprehensive study of the development of the child from infancy through the late teens. Motor, intellectual, emotional, and social development will be considered with special attention to the guidance of the child at home and at school.
- 51-52 Curriculum and Methods** 3 credits Each semester  
Curriculum and methods of teaching in the elementary grades will be considered in this course. All texts adopted by the state and teacher's manual for each text are carefully studied. Open to sophomore cadet teachers.
- 53 Elementary School Library** 1 credit First semester  
A course to acquaint students with the organization and utilization of the elementary school library.
- 61 Observation and Directed Teaching** 2 credits First semester  
Observation and supervised teaching in the schools of Boise, and in especially selected rural schools in the vicinity of Boise. Open to sophomore cadet teachers.
- 62 Directed Teaching** 5 credits Second semester  
See Education 61 for Course Description.
- 75 Audio-Visual Aids in Education** 2 credits First semester  
Motion pictures, graphic materials, filmstrips, lantern slides, field trips, auditory aids are among the instructional materials studied in this class with practical experience in the operation of the equipment involved.
- 93 School Organization and Management** 3 credits Second semester  
A study of the various factors involved in the organizing of the materials and processes of the classroom, the direction and guidance of pupils in their non-instructional activities. Guidance of behavior, problem pupils, classifications, keeping records, giving tests and examinations, and the teacher's professional relationships with administration and other teachers are considered in this course.
- Typing** 2 credits Each semester  
Recommended elective for all Education majors without previous typing training; students who have gained sufficient proficiency to type a minimum of 50 words per minute will not need to take this course.

## HISTORY

- 1-2 History of Civilization** 3 credits Each semester  
A history of the growth of knowledge, culture, and institutions in the Eastern and Western civilizations.
- 21-22 Modern Europe** 3 credits Each semester  
Political, social and economic history of Europe from the Renaissance to the present, with emphasis on the period from Congress of Vienna to the present time. (Not offered 1950-51.)
- 31-32 History of the Americas** 3 credits Each semester  
A study of the Americas from discovery to the present time. Emphasis on the transplanting of European institutions to the New World. The course aims at the background for understanding the international relations of the United States and Hispanic America.
- 52 History of Idaho and the Pacific Northwest** 3 credits Second semester  
A history of the Old Oregon Country, with emphasis on the Idaho area. The basic topics for study are: early explorers of the Pacific; international contest for fur trade in the region; the colonization movement and placer gold area; founding of territories and states. Prerequisite: History 21 or 31.

## PHILOSOPHY

- 51-12 History of Philosophy** 3 credits Each semester  
The development of philosophical conceptions in the Greek, medieval and modern world.

## POLITICAL SCIENCE AND GOVERNMENT

- 1-2 American Government** 3 credits Each semester  
The organization and functions and present-day problems of national, state and local governments.

## PSYCHOLOGY

- 1 General Psychology** 4 credits First and second semester  
A general introductory study of human behavior considering the principles and methods of psychology. Three lectures and one laboratory period per week. Prerequisite to all courses in psychology except Applied Psychology.
- 11 Applied Psychology** 3 credits First and second semester  
A course especially designed to meet the needs of those enrolled in business curricula. Emphasis will be placed on human interrelationships in the field of business, industry, commerce, and the professions.
- 22 The Psychology of Adjustment** 2 credits Second semester  
A study of problems of maladjustment and personality disorders in the human individual. Designed especially to meet the needs of those who will later enter social service and medical professions. Prerequisite: Psychology 1.



- 52 Child Psychology** 3 credits First semester  
 A comprehensive study of the development of the child from infancy through the late teens. Motor, intellectual, emotional, and social development will be considered with special attention to the guidance of the child at home and at school. (The same as Education 32.) Prerequisite Psychology 1.
- 54 Educational Psychology** 3 credits Second semester  
 The application of results of experimental psychology to education. Emphasis will be placed on the psychology of learning, individual differences, and guidance in the elementary schools. Prerequisite: Psychology 1.

### SOCIOLOGY

- 1-2 Introduction to the Social Sciences** 3 credits Each semester  
 An orientation course designed to give students an introduction to the economic, social and political principles operative in modern social organizations, and the philosophy underlying them. Designed especially for freshman students.
- 11-12 General Sociology** 3 credits Each semester  
 A study of the origin and development of human society with special emphasis on social forces, problems and institutions.
- 31T-32T Student Leadership** 1 credit Each semester  
 This course is designed especially for the officers of the clubs and organizations on the campus. However, it is open to all students. It deals with principles of leadership, conference techniques and parliamentary procedures. When practical problems of student leadership arise on the campus, it takes them up for analysis and study.
- 41 Social Anthropology** 2 credits Each semester  
 A study of the customs, practices, beliefs, institutions and social organization of peoples; the influence of Western ideas and inventions on pre-literate peoples.
- 42 Marriage and the Family** 3 credits Second semester  
 An analysis of the family with regard to its origin, structure and functions; a study of the factors that are likely to be of some practical help to young people in the selection of a marriage partner and in making the necessary adjustments of marriage and family life. Open to all college students.

## DIVISION OF VOCATIONAL EDUCATION

Robert Hunter, Chairman

Auto Body and Fender: Mr. Edwards.  
 Machine Shop: Mr. Houghton.  
 Woodworking: Mr. Beckwith.

### MACHINE SHOP

- 1T-2T Elementary Machine Shop (pre-apprentice)** 10 credits Each semester  
 A course in machine shop practice giving the student training in the use of lathe, shaper, milling machine, dual metal saw, surface, cylinder and tool grinders, drill presses, and bench work, and related trade information. 30 clock hours per week.

**11T-12T Advanced Machine Shop 10 credits Each semester**

The course is designed to give advanced training in all types of machine work—lathe, shaper, milling machine, dual metal saw, surface grinders, cylinder grinder, tool grinder, drill presses, bench work, and heat treatment of metals; and related trade information. 30 clock hours per week.

**WOODWORKING****1T-2T Elementary Millwork 10 credits Each semester**

An introduction to hand tools and power machinery, with instruction in construction of cabinet and furniture making, and related trade information. 30 clock hours per week.

**11T-12T Advanced Millwork 10 credits Each semester**

Advanced study of cabinet and furniture construction, including shop detail, lay-out work, furniture design and related theory. Prerequisite: Elementary Millwork 1-2, practical experience in construction. 30 clock hours per week.

**51T Elementary Wood Finishing and Painting**

10 credits

First semester

A study of finishing materials, including lacquers, varnishes, and paints and the application of each. 30 clock hours per week.

**56T Advanced Wood Finishing and Painting**

10 credits

Second semester

Continuation of course No. 51T. Prerequisite: 11T-12T. 30 clock hours per week.

**AUTO BODY****1T-2T Elementary Auto Body and Fender 10 credits Each semester**

Training in the roughing out, shrinking, leading, buffing, sanding, and metal finishing of fenders. Fundamental principles and practice of oxy-acetylene welding which prepares the student to do the light welding necessary in auto body repairing. Training in the major auto body repairs and replacement of body parts. Units include the checking and alignment of the automobile body, repair and replacement of damaged body panels such as the dash, cowl, trunk, rocker, floor, side, top, and door panels; also door and cowl ventilator regulators, door and seat adjusters, and windshield wiper mechanisms. Attention will also be given to the cutting, grinding, and replacing of auto body glass. 30 clock hours per week.

**11T-12T Advanced Auto Body and Fender 10 credits Each semester**

Training in the repair and replacement of all auto body trim, the preparation of body metal for the various kinds of finishes, and the application of these finishes. Units covered will include repair and replacement of floor coverings, door and rear quarter trim, head lining, cowl pads, seat cushions, windlace and accessories. Practice also will be given in metal preparation, priming, surfacing, application of color, and in spotting, striping, and grain-ing. 30 clock hours per week.

## RELATED INSTRUCTION

- 23T Related English** 2 credits First semester  
This course is aimed to give the vocational student a practical knowledge of English. It does not stress the academic approach but rather emphasizes applied English in speech and written work. The student is given practice in verbal expression and writing, descriptive reports of vocational projects with vocabulary exercises including technical terminology. Two clock hours per week.
- 17T-18T-57T-58T Trade Mathematics** 1 or 2 credits Each semester  
This course is a review and drill in fundamentals of arithmetic and concrete relation to business and technical problems—decimals, fractions, percentage, interest, discount, etc. One or two clock hours per week.
- 19T-20T-59T-60T Blueprint Reading and Sketching** 1 credit Each semester  
This course gives the student practice in elementary drafting and mechanical drawing as related to his shop practice. Also it prepares him to understand and read blueprints. One clock hour per week.
- 15T-16T-55T-56T Materials of Industry** 1 credit Each semester  
A survey of all the various natural, compounded, and synthetic materials used in the industrial and building trades. It gives the student a knowledge of their manufacture, properties and uses. One clock hour per week.
- 21T Safety for the Trades (Freshman Year)** 1 credit First semester  
This course is a description and demonstration course of safety practices and procedures. Many films and visual aids are used in this course. One clock hour per week.
- 51T-52T Industrial and Labor Relations** 1 credit Second semester  
In this course an effort is made to give the student an understanding of the laws and policies governing labor and industrial relations. Emphasis is placed upon moral and ethical obligations in employee-employer relationships. The relationship to community and society is also included. One clock hour per week.

## REGISTER OF STUDENTS

## FRESHMAN STUDENTS ATTENDING BOISE JUNIOR COLLEGE

## SCHOOL YEAR 1949-1950

Adams, Leroy	Boise	Brady, Sean	Boise
Adkins, Howard	Meridian, Idaho	Brandt, Leroy	Meridian
Affleck, Philip	Boise	Brennan, Mary Alice	Boise
Agee, Bobby	Boise	Breshears, Samuel	Parma
Agneta, Carol	Astoria, L.I., N.Y.	Breshears, Arthur	Boise
Ah Fong, Jennie	Boise	Bricker, Harry	Wells, Nev.
Alder, Larry	Boise	Brooks, John	Boise
Allen, Colleen	Boise	Brown, Helen	Boise
Anderson, Albert	Weiser	Brunney, Rose	Boise
Anderson, Clifford Burnell	Boise	Buchholz, James	Spokane, Wn.
Anderson, John	Boise	Bunch, A. Richard	Challis
Anderson, Marjorie	Boise	Burgess, Berta	Boise
Anderson, Richard Delmas	Emmett	Burrell, John	Boise
Anderson, Richard Hallett	Boise	Burris, Sam	Boise
Andregg, David	Boise	Byrne, Charles	Boise
Andrist, Rendena	Boise		
Arnold, Donna	Boise	Campbell, Don	Boise
Atchley, Ardys	Boise	Campbell, Lawrence	Boises
Atchley, Shelby	Boise	Carman, Charles	Boise
Austad, Ralph William	Boise	Carper, H. A.	Wilder
Austin, Mary Louise	Boise	Carringer, Beryl	Boise
Azcuena, Joan	Boise	Carter, Wilma	Boise
Azcuena, Walter	Boise	Carver, Murray	Boise
		Cassell, Robert	Boise
Bachman, Leo	Boise	Cazalis, Arantza	Spain
Bader, Richard	Nampa	Chambers, Anita	Boise
Baker, Clayne	Boise	Chandler, Robert	Weiser
Baker, John	Boise	Chaney, Rodney	Boise
Bailey, Sam	Ontario, Ore.	Chapman, Dollis Virginia	Boise
Baldridge, Carolyn	Boise	Chase, Joel	Nampa
Barber, Robert	Cascade	Chindgren, Gerry	Boise
Barnes, Harry	Boise	Church, John	Boise
Barnes, Margaret	King Hill	Church, Robert	Nyssa, Ore.
Basler, Barbara	Boise	Clabby, Vernon	San Francisco, Cal.
Battershell, Virgil	Midvale		
Beall, Wilbur Wm.	Washington, D.C.	Clapp, Robert	Boise
Beeson, Louise	Boise	Clark, George	Boise
Bell, James	Boise	Clement, George	Boise
Bell, Willard	Boise	Clemmens, Chester	Caldwell
Benefante, Peter	Bronx, N.Y.	Cluer, James	Fairfield
Bennett, Robert Larry	Nampa	Coates, Byron	Boise
Betebenner, George	Boise	Cogle, John	Boise
Biggs, Robert	Boise	Coleman, James	Emmett
Bishop, Jean	Boise	Colson, Robert	Boise
Black, Dan	Boise	Coltrin, Lyle	Boise
Black, Melba Barbara	Boise	Compton, Robert	Potlatch
Blair, Robert	Boise	Conner, Sidney	Wallowa, Ore.
Blocher, Hobart	Weiser	Coontz, James	Yakima, Wn.
Bollar, Eusevio	Boise	Cooper, Clayne	Emmett
Botkin, Keith	Meridian	Corcoran, Louise	Boise
Braden, Zed	Boise	Cordell, Orvin Joe	Boise
Bradshaw, Doris	Boise	Cornwall, Delores	Boise

Cottrell, Lou Anne	Boise	Fritschle, Richard	Boise
Countryman, Donald	Boise	Fritzler, Paul	Nampa
Crane, Pat	Boise	Fry, Wesley Vernon	Boise
Crisp, Robert	Boise	Fuller, Clarence	Vandalia, Mo.
Croft, Victoria Bernice	Boise		
Cunningham, Joseph Lyle	Boise	Gardner, Edwin	Melba
Curtis, Dwayne	Boise	Gardner, Marvin	Melba
Cushing, Charles	Boise	Garrett, Donald Frederick	Boise
Cutler, Joanne	Boise	Garrison, Harold	Boise
		Garrod, Robert	Boise
Daly, Donald	Boise	Gause, Webster	Boise
Davidson, Joan Elizabeth	Meridian	Gerhauser, Walter	Middleton
Davis, John	Boise	Giles, Larry	Boise
Davis, Richard George	Meridian	Gilliam, Robert	Payette
Davis, Richard Warren	Boise	Gilster, Shirley	Boise
Day, Richard	Boise	Grande, Louis	New Brunswick, N.J.
Dearborn, Charles	Middleton	Greenly, George	Boise
Deasy, Don	Boise	Greenman, Garold	Boise
Dehlin, Ronald	Boise	Griffin, Archie	Boise
Dietsch, Donald	Boise	Gruger, Carolyn	Boise
Dilley, Stanley	Boise		
Donahue, Robert	Newport, Vt.	Hall, Robert	Boise
Donaldson, George	Emmett	Hall, Elizabeth	Boise
Doolittle, Robert	Twin Falls	Hall, Wayne	Cascade
Dowler, John	Boise	Hamilton, Susan	Boise
Dragoo, James	Boise	Hansen, Douglas	Emmett
Duncan, Jim M.	Grangeville	Harris, John	Juneau, Alaska
Dunlap, Emma Jo	Boise	Hart, Calvin	Boise
Dyson, Patricia	Boise	Hatch, Rhea	Boise
		Hattabaugh, William	Boise
Eberle, Jim	Boise	Hawkes, Clarice	Boise
Echevarria, Ramon	Boise	Hayden, Patrick	Boise
Eckert, Garth	Boise	Hayes, Roy	Boise
Edlefsen, James	Boise	Haynes, Donald	Coeur d'Alene
Edwards, Joan	Boise	Heath, Edward	Boise
Edwards, Leonard	Payette	Heller, Virginia	Boise
Eichelberger, Glenna	Boise	Hepner, Mary	Boise
Eichenberger, Marcia	Boise	Hiatt, George	Boise
Eisenberg, Rodney	Boise	Hicks, Bruce	Mountain Home
Elfers, George	Parma	Hietler, Ben	Nyssa, Ore.
Emison, Geraldine	Boise	High, Dean	Boise
Endecott, Douglas	Eagle	Highlander, Jack	Boise
Ennis, Margery	Boise	Hill, Bettye	Boise
Evans, Eldon	Boise	Hill, Jerry	Boise
Eytchison, Lewis	Boise	Hill, Robert	Boise
		Hinshaw, Milas	Boise
Farnham, Truman	Star	Hitt, Douglas	Boise
Fashbaugh, Margaret	Boise	Hitt, Joel	Boise
Faught, Melvin	Boise	Hobbs, John	Boise
Field, Joe	Nampa	Holland, Robert	Boise
Fleenor, Robert	Boise	Holly, Daniel Theodore	Adrian, Ore.
Flick, Donald	Boise	Hostetler, Franklin	Boise
Foltz, Robert	Boise	Houghton, Carl	Spafford, N.H.
Forner, Charlotte	Boise	Howard, Bill	Boise
Fouts, Robert	Boise	Hubbard, Charles	Boise
Francis, Melvin	Boise	Huff, Harlan	Boise
Fraser, Donald	Boise	Hughes, David	Sweet
Fraser, Roy	Boise	Hughes, Preston	Buhl
Freeman, William	Boise		

# REGISTER OF STUDENTS

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Hunt, Byron	Nampa	McCubbin, Gerald	Wallowa, Ore.
Huston, Marvin	Denver, Colo.	McDonald, Malcolm	Boise
Inglis, Raymond	Boise	McGuire, Delbert	Meridian
Inglis, Gerald	Boise	McKay, Lloyd	Boise
Ingraham, Deane	Boise	McKoon, Samuel	Coeur d'Alene
Jackson, I. Allen	Boise	McMahan, Eleanor	Gooding
Jackson, Allan Ricardo	Boise	McMains, John	Boise
Jackson, John	Meridian	McPherson, Delores	Meridian
Jackson, Larry	Boise	McQueen, Phil	Boise
Jennings, William	Red Hook, N.Y.	Mabbott, Edward	Boise
Johnson, W. David	Payette	Mahoney, Nadine	Stibnite
Johnson, Warren	Boise	Maine, Harold	Parma
Jones, Gareth	Boise	Malmstrom, Charles	Boise
Jones, Marvin	Boise	Mamerow, Russell	Boise
Jones, Vernon	Mountain Home	Marker, James	Boise
Joy, Ernest	Boise	Martin, Richard Rolland	Caldwell
Jozwiak, Robert	Cicero, Ill.	Martins, Harry Jay	Twin Falls
Judy, Elizabeth	Payette	Mason, Richard	Boise
Kakebeeke, Kathryn	Boise	Mathews, Loren Ray	Boise
Kalbrener, Lester	Boise	Matlock, Norman	Boise
Karaglanes, Nick	Boise	Matson, Afton	Boise
Karn, Glenn	Wilder	Mayo, Robert	Clarksville, Fla.
Keene, Joe	Parma	Melkers, Robert	Oreana
Keener, Joe	Boise	Meredith, James	Boise
Keesey, Beverly	Portland, Ore.	Midby, Thelmer C.	Boise
Keithly, Roger	Boise	Miley, Harold	Boise
Kelly, Darrel	Boise	Miller, Richard	Boise
Kerns, Calvin	Boise	Miller, Shirley	Boise
Ketchen, Dinah	Boise	Moore, Bill	Nampa
Kiltz, Richard	Boise	Moore, Ronald	South Bend, Ind.
King, Patricia	Boise	Moorhouse, Betty	Boise
Kingland, Robert	Boise	Morse, Marvin	Payette
Kinsey, Marjory	Shoshone	Mosman, Roy	Boise
Kitchens, Jack	Boise	Mott, John	Boise
Klingback, Fred	Nyssa, Ore.	Moulton, Alfred	Emmett
Knowles, Frank	Boise	Muhonen, Ruth	Boise
Koskie, Betty	Boise	Murphy, Elvie	Eagle
Krefter, Paul	New Plymouth	Murray, Jim	Priest River
Laing, Kathleen	Boise	Myers, Lawrence	Meridian
Langrell, Janet	Boise	Nate, Gordon	Boise
Leiser, Maurice	Boise	Nevins, Robert	Boise
Lepley, Delbert	Boise	Newell, Monte	Boise
Lewis, James	Boise	Newman, Marcia	Boise
Lewis, Ray	Malad	Nooner, Warren	Boise
Liles, Joyce	Boise	Obenchain, Dean	Boise
Lincoln, Carvel	Boise	O'Dell, Willie	Nampa
Lindsey, Donald	Nampa	Oliver, Charles	Boise
Little, Charles	Payette	Oliver, James	Boise
Little, Willis	Boise	Pape, Patricia	Boise
Loomis, Louanne	Middleton	Patten, Gerald	Boise
Love, Richard	Boise	Patterson, Orin Deane	Canyon City, Ore.
Lunceford, James	Coeur d'Alene	Paulson, David	Boise
Lungren, Eddie	Boise	Paynter, Stewart	Boise
Lyman, Lawrence	Boise	Peck, Louis	Shoshone
Lyman, Ruth	Mitchell, S.D.		

Pepperdine, Warren	Twin Falls	Spencer, Elunona	Boise
Perkett, William	Everett, Wn.	Spiva, William	Boise
Perry, Earl	Nampa	Sponsler, Jim	Enid, Okla.
Phipps, Arlen Richard	Boise	Starn, Joanne	Nampa
Pitner, Richard	Glenns Ferry	Statz, James	Madison, Wisc.
Porritt, Budge	Boise	Steele, William	Kuna
Poulson, Harry Wesley	Boise	Steinhilper, Edgar	Boise
Pratt, Jeanne	Boise	Stephens, Edward	Boise
Pulliam, James	Boise	Stevens, Sprague	Boise
Pulliam, Rosa Lou	Boise	Stewart, Rollo	Harvard
Purcell, Robert	Boise	Stockdale, Donald	Boise
		Stokes, William	Boise
Rafailovich, Ted	Anchorage, Alaska	Stonehocker, Peggy	Boise
Randall, Darrell	Bruneau	Stork, Maurice	Boise
Rane, Thomas	Garden Valley	Stubblefield, Robert	Parma
Reed, Calvin Thomas	Emmett	Sullivan, Elton	Wallace
Reed, Douglas	Emmett	Sumner, Paul	Boise
Rensmeyer, Evelyn	Boise	Sweetwood, Eva	Payette
Richardson, Gary	Boise	Sylvester, Bertha	Boise
Ridder, Thomas	Boise		
Riddle, Frank	Boise	Tarno, Otis	Council
Riddlemoser, Jack	Boise	Tate, Emma Suzanne	Boise
Ripley, Richard	Meridian	Thomas, Robert	Boise
Roberts, Robert	Boise	Thomas, Russell	Boise
Rodvold, Marvin	Cowiche, Wn.	Thometz, John	Boise
Rose, Glen	Homedale	Thometz, Michael	Boise
Rose, Judd	Boise	Thometz, Ted	Boise
Rowe, Howard	Boise	Thompson, Jack	Nampa
Royer, Ann	Boise	Thompson, Roy	Boise
Royer, Jean	Boise	Thompson, Wesley	May
Rushfeldt, Doug	Boise	Tietjens, Dorothy	Boise
Rutledge, Patricia	Boise	Tiller, Norman	Nampa
Rutledge, Persis	Boise	Tracy, Ronald	Boise
		Trader, LeRoy	Hill City
		Trask, Pat	Boise
Salmen, Jo Ann	Boise	Tuininga, Gene	San Francisco
Schoen, Donald	Payette	Twitchell, La Forrest	Paramount, Cal.
Schoen, Ronald	Payette		
Scholes, Mary	Boise	Van Buskirk, Robert	Boise
Scifres, Murray Ray	Eden	Vanderford, Guy	Kuna
Schoonover, Richard	Boise	Van Everen, Nathaniel	Boise
Scott, Wallace	Boise	Vincen, Agnes	Boise
Shanahan, Colleen	Boise	Vinson, Henry	Boise
Shangle, Charles	Boise	Vocu, Eugene	Boise
Shaw, William	Boise		
Shellworth, Cordelia	Boise	Wailles, David	Boise
Sherrill, Lester	Boise	Waits, Mary	Boise
Shields, Tracy	Boise	Walker, Albert	Boise
Simmons, Cecilia	Boise	Walker, Jack	Boise
Simunich, Joe	Boise	Walker, Paul	Boise
Skinner, Dale	Boise	Wallace, Robert	Boise
Smart, Don	Nampa	Walter, Trevor Eugene	Boise
Smith, Glendale	Wilder	Waterman, Robert	Dewittville, N.Y.
Smith, Jay	Boise	Watson, L. Richard	Boise
Smith, Jerald	Boise	Webb, William	Boise
Smith, Marygrace	Idaho City	Weber, Robert	Boise
Smith, Max	Dubois	Weeks, Richard	Moscow
Smith, Roland	Boise	Weiss, Carlene	Boise
Spann, Ralph	Bassett, Neb.	Wennstrom, William	Boise

Westenhaver, Douglas	Boise	Wilson, Alberta	Boise
Weston, Bob	Boise	Wolfe, Patricia	Meridian
White, Chad	Boise	Wood, Jr. Norman	Falls Church, Va.
White, Elizabeth	Boise	Wood, William	Boise
White, Frederick	Boise	Wright, John	Boise
Whitehead, Richard	Boise	Wright, Lawrence	Boise
Whittaker, Don	Boise	Wright, Robert	Boise
Whittle, Chesley	Boise	Wurtz, Henry	Denver, Colo.
Wiggs, Wally	Nampa	Wyman, Bradford	Boise
Wild, Charles	Riddle		
Wilder, Robert	Nyssa, Ore.	Yaryon, Adelbert	Boise
Williams, Earl	Vale, Ore.	York, James	Boise
Williams, J. Roger	Boise	York, Marilyn	Boise
Williamson, Ira	Boise		
Williamson, John	Gooding	Zahn, Bette Lou	Boise
Williamson, Sherrell	Socorro, N.M.	Ziegler, Delwyn	Emmett
Willy, Ray	Boise	Zimmerman, Willis	McCall

SOPHOMORE STUDENTS ATTENDING BOISE JUNIOR  
COLLEGE, SCHOOL YEAR 1949-1950

Affleck, Carol	Boise	Davidson, Joan Morse	Boise
Allen, Doris	Boise	Detty, Shirley	Boise
Allen, Tom	Boise	Dietrich, Joseph	Dayton, O.
Allyn, Leanore	Jerome	Diffendaffer, Clifford	Boise
Anderson, Richard J. T.	Boise	Doane, Paul	Boise
Andreasen, Carol	Boise	Duncan, James R.	Grandview
Aston, Doris	Rupert	Dunn, Virginia	Boise
Atterton, David	Boise	Eaton, Walter	Boise
		Edwards, Frederick	Eagle
Baker, Robert Martin	Boise	Elder, DeNice	Meridian
Barinaga, Louis	Boise	Empie, Robert	Boise
Barnes, Elizabeth	Boise	Erstad, Byron	Boise
Barrington, Donald	Twin Falls		
Bates, LeRoy	Nampa	Farlinger, Donald	Nampa
Biggs, Alfred	Boise	Foss, LaVelle	Boise
Billman, Delbert	Coeur d'Alene	Foster, Clayton	Boise
Bills, DeWayne	Boise	Frazier, David	Enid, Okla.
Black, Richard	Boise	Gabiola, Ramona	Boise
Breeze, George	Boise	Gerhauser, Howard	Middleton
Burlingame, DeWitt	Boise	Goodwin, James	Emmett
Byrne, James	Boise	Goul, Howard	Boise
		Graham, Daisy	Fairfield
Campbell, Floyd	New Meadows	Gratton, Arthur	Emmett
Chapman, Marvin	Boise	Green, Thomas	Mtn. Home
Clark, Richard	Boise	Greenlee, Robert	Boise
Coltrin, Ted	Boise	Gregory, Robert	Boise
Compton, Glenn	Boise	Griffin, Charles	Boise
Contino, Anthony	Meridian	Gunnerson, Charles	Boise
Cooper, Benton	Boise		
Corcoran, Brian	Boise	Hamilton, Carl	Mt. Home
Cornwall, Ronald	Boise	Hearn, Delbert	Dundee
Cotner, John	Mtn. Home	Hershberger, Fred	Nampa
Crane, Warren	Boise	Higginson, Keith	Boise
Craven, Suzanne	Boise	Hinrichs, Joan	Meridian
Crowley, Barbara	Boise	Howells, Robert	Twin Falls
Cusick, Sylvia	Garden Valley	Howerton, Harry	Boise
Dahlberg, Celesta	Boise	Hubinger, Allen	Ft. Lauderdale, Fla.
		Hussman, Elizabeth	Boise



## BOISE JUNIOR COLLEGE

Ingraham, Zella	Boise	Pendergast, Herbert	Boise
Jensen, Kathleen	Boise	Peterson, Jake	Boise
Johnson, Dona	Boise	Pond, Pat	Boise
Johnson, Robert	Boise	Ponzette, James	Boise
Johnston, Bill	Boise	Qualey, Phyllis	Boise
Kading, Edith	Boise	Ransom, Charles	Boise
Keltner, Billie	Boise	Reed, Keith	Boise
Kohls, David	Boise	Rich, Jeanette	Emmett
Lahtinen, Virginia	Bruneau	Rigney, Marjorie	Boise
Langford, Glen	Murphy	Rinehart, Robert	Boise
Larson, Diane	Boise	Robertson, Wallace	Caldwell
Law, Evan	Meridian	Robers, Ida	Boise
Lentz, Harry	Boise	Rose, Earl	Boise
Little, Edith	Payette	Rossow, Carlyle	Meridian
Long, Walter	Eagle	Sanchez, Dick	Boise
Loomis, Amy	Vale, Ore.	Sandmeyer, Lawrence	Boise
Lyons, Reed	Boise	Sarvis, Dave	Boise
McMahon, Carmelyn	Boise	Sawyer, June	Boise
McNutt, Jack	Kuna	Scott, Dick	Caldwell
McPherson, William	Boise	Shelton, Ralph	Boise
Magulac, Stanley	Dayton, O.	Shipley, Lloyd	Boise
Malmstrom, Frances	Boise	Shuey, Benny	Boise
Massey, Elmer	Boise	Smith, Carl	Boise
Maxwell, William	Weiser	Smith, Leon	Boise
Mays, William	Boise	Sproat, Rexene	Boise
Mercer, Robert	Boise	Stauth, Janet	Boise
Miller, Donald	Boise	Steckman, John	New Meadows
Miller, Thomas	Boise	Sullivan, Alta	Boise
Montrose, Dudley	Mtn. Home	Tate, Frances	Boise
Morgan, Gail	Boise	Taylor, David	Boise
Morton, Dennis	Boise	Taylor, Margaret	Homedale
Nourse, Richard	Meridian	Terry, Jim	Boise
Obenchain, Connie	Boise	Thurston, Barbara	Boise
Oberbillig, Harlow	Boise	Trimble, Lawrence	Columbia Falls, Mont.
O'Callaghan, Donal	Boise	Troxel, Edwin	Boise
Officer, Joan	Meridian	Urry, Don	Boise
Ogan, Leroy	Boise	Vassar, Carolyn	Boise
Ollason, Virginia	Meridian	Wakefield, Margaret	Boise
Otten, Adrian	Nampa	Wardle, Joyce	Boise
Patterson, Richard	Boise	Watson, Jean	Boise
Poulson, Christine	Boise		

PART TIME AND SPECIAL STUDENTS ATTENDING  
BOISE JUNIOR COLLEGE, SCHOOL YEAR 1949-1950

Alegria, Rosita	Boise	Beebe, Marjorie	Boise
Alexander, Smith	Ottawa, Kan.	Bird, Earl	Gooding
Balcom, Minerva	Boise	Brown, Clara	Boise
Barlow, John Jr.	Filer	Burbidge, Eugene	Boise
Beath, William	Boise	Burleigh, Donald	Bend, Ore.
Beebe, Joseph	Boise	Campbell, Willard	Boise
		Christensen, Grenville	Boise
		Cochran, Phyllis	Boise

# REGISTER OF STUDENTS

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Dennison, Georgene	Boise	Paris, Don	Boise
Dewey, Alberta	Boise	Parker, Richard	Boise
Dodds, Forwin	Boise	Parker, Rolland	Boise
Elwood, Leona	Emmett	Parkinson, Katherine	Boise
Farrer, Helen	Boise	Pendergast, Barbara	Boise
Fellon, Harold	Boise	Plouf, Francis	Boise
Fowler, Shirley	Boise		
		Rogers, JoAnne	Boise
Hannah, Madelene	Boise	Rustay, Richard	Boise
Hay, Jack	Boise		
Heppler, John	Boise	Sabin, John	Boise
Hettinger, Edna	Boise	Shawver, Lavona	Boise
Hornbrook, Nelle	Boise	Siron, Celestine	Boise
Howry, Maxine	Meridian	Smith, Pearl	Boise
		Solomon, George	Boise
Johnson, Robert T.	Boise	Stevens, Vala	Boise
		Swope, La Vera	Boise
Keeton, Flora	Boise	Swope, La Verta	Boise
Kelly, Charles	Boise		
Kibler, Dorethea	Boise	Talley, June	Boise
		Tarno, Alla Alea	Boise
Langham, Lillian	Boise	Tate, Joyce	Boise
Lozler, Archie	Boise	Taylor, Edna	Boise
Luby, Wilda	Boise		
MacPherson, Donald	Boise	Weller, Ruby	Boise
Martin, Retia	Boise	Weston, Helen	Clinton, Mont.
Meier, Emma	Boise	Whittle, Florene	Boise
Montgomery, Grace	Boise	Wilper, Irene	Boise
Nelson, Tenna	Meridian	Wilson, Jack	Boise
		Wilson, Joseph	Boise

## NIGHT STUDENTS ATTENDING BOISE JUNIOR COLLEGE SCHOOL YEAR 1949-1950

Adkinson, Rose	Boise	Geraghty, Mary	Boise
Ames, Oren	Boise	Gillard, Viola	Boise
Anderson, Harold	Boise	Gladhart, Katherine	Boise
Angel, Willard	Boise	Gluch, Wilma	Boise
		Graham, Homer	Boise
Bass, Gordon	Boise		
Bell, E. Lloyd	Boise	Halligan, Lois	Boise
Blaine, John	Boise	Hansen, Frances	Boise
Bowman, Cecil	Boise	Hon, Bonnie	Boise
Brauff, Kathleen	Boise	Hoskot, Andrew	Boise
Burleigh, Barbara	Boise	Hulse, Merrill	Boise
Burleigh, Donald	Boise	Hunter, Don	Boise
Burnett, Homer	Boise	Hursey, Ruth	Boise
Caulfield, Fred	Boise		
Chausee, M. Orlean	Boise	Johnson, Shirley	Boise
Clements, James	Boise	Joll, John	Boise
		Jordan, Thelma	Meridian
Davis, Florence	Boise		
Day, Chas.	Boise	Kimes, Hazel	Boise
Dodge, Virginia	Boise	Klein, Evelyn	Boise
Dvorak, Noreen	Boise	Klingensmith, Harry	Boise
		Koebnick, Cecile	Boise
Elwood, Leona	Boise		
Forbes, Mary	Boise	Langham, Lillian	Boise

McCallister, Marie	Boise	Severine, Raynor	Boise
McElhanon, Clifford	Boise	Shaddock, Louise	Boise
McEliece, James	Boise	Shumway, Lafe	Boise
McKinney, Jewel	Boise	Simonis, Miriam	Meridian
Marshall, Helen	Boise	Steppe, David, Jr.	Boise
Marshall, William	Boise	Steppe, Marion	Boise
Masters, Harold	Boise	Swain, Nola	Meridian
Masterson, V. Daniel	Boise	Tatro, Don	Boise
Mastro, Anna	Boise	Taylor, Keith	Boise
Morgan, Barbara	Boise	Thompson, Ethel	Boise
Mayo, Ellen	Boise	Thompson, Harry Jr.	Boise
Murphy, Bernice	Boise	Thurston, John	Boise
Nelson, Beatrice	Boise	Trueblood, J. Paul	Boise
Nelson, Theodore	Boise	Tucker, Maxine	Boise
Nielsen, Dolores	Meridian	Turner, Luella	Boise
Nielsen, Viola	Boise	Utter, Stephen	Boise
Nothdurft, Donald	Boise	Varney, Fred	Boise
O'Keefe, Dorothy	Boise	Varney, Stella	Boise
Onweiler, Wm.	Boise	Wakeman, Phyllis	Boise
Peter, Lura	Boise	Washam, Loyle	Boise
Peterson, Carol	Boise	Welsh, Janice	Boise
Peterson, Fern	Boise	Werry, Geraldine	Boise
Popma, Alfred	Boise	White, Raymond	Boise
Reid, Edna	Boise	White, Ray	Boise
Remaklus, Beverly	Boise	Wiley, Milt	Boise
Rhodes, Kenneth	Boise	Williams, Floribel	Boise
Ritchie, Geraldine	Kuna	Wright, William	Boise
Rowell, Jack	Boise	Yeomans, Eugene	Boise
Rogers, JoAnne	Boise	Young, Charles	Boise
Sarlat, Norman	Boise	Younger, M. John	Boise
Schneider, Jean	Boise	Zimmerman, John	Boise

GEOGRAPHICAL DISTRIBUTION OF ENROLLMENT FOR  
SCHOOL YEAR 1949-1950

California .....	3	New Mexico .....	1
Colorado .....	2	New York .....	4
Florida .....	2	Ohio .....	2
Idaho .....	737	Oklahoma .....	2
Illinois .....	1	Oregon .....	13
Indiana .....	1	South Dakota .....	1
Kansas .....	1	Vermont .....	1
Missouri .....	1	Virginia .....	1
Montana .....	2	Washington, D. C. ....	1
Nebraska .....	1	Washington .....	4
Nevada .....	1	Wisconsin .....	1
New Hampshire .....	1	Alaska .....	2
New Jersey .....	1	Spain .....	1

GEOGRAPHICAL DISTRIBUTION OF ENROLLMENT  
1949-1950

	Boise	Idaho	Out of State
Freshmen .....	315	110	42
Sophomores .....	104	41	6
Part Time and Special .....	58	5	3
<b>Total Day .....</b>	<b>477</b>	<b>156</b>	<b>51</b>
Night .....	99	5	.....
	576	161	51

SUMMARY OF ENROLLMENT  
1949-1950

	Men	Women	Total
Freshmen .....	366	101	467
Sophomores .....	101	50	151
Part Time and Special .....	27	39	66
<b>Total Day .....</b>	<b>494</b>	<b>190</b>	<b>684</b>
Night .....	51	53	104
<b>Total Regular Curricula .....</b>	<b>545</b>	<b>243</b>	<b>788</b>
Summer School .....	89	69	158
<b>Grand Total .....</b>	<b>634</b>	<b>312</b>	<b>946</b>

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Nov 15 1950

19

20 sessions

# CALENDAR FOR 1950

JANUARY							FEBRUARY							MARCH							APRIL						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7
8	9	10	11	12	13	14	8	9	10	11	12	13	14	8	9	10	11	12	13	14	8	9	10	11	12	13	14
15	16	17	18	19	20	21	15	16	17	18	19	20	21	15	16	17	18	19	20	21	15	16	17	18	19	20	21
22	23	24	25	26	27	28	22	23	24	25	26	27	28	19	20	21	22	23	24	25	16	17	18	19	20	21	22
29	30	31					26	27	28					26	27	28	29	30	31		30	23	24	25	26	27	28

MAY							JUNE							JULY							AUGUST						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7
8	9	10	11	12	13	14	8	9	10	11	12	13	14	2	3	4	5	6	7	8	6	7	8	9	10	11	12
15	16	17	18	19	20	21	11	12	13	14	15	16	17	9	10	11	12	13	14	15	13	14	15	16	17	18	19
22	23	24	25	26	27	28	18	19	20	21	22	23	24	16	17	18	19	20	21	22	20	21	22	23	24	25	26
29	30	31					25	26	27	28	29	30		30	31						27	28	29	30	31		

SEPTEMBER							OCTOBER							NOVEMBER							DECEMBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7
8	9	10	11	12	13	14	8	9	10	11	12	13	14	5	6	7	8	9	10	11	3	4	5	6	7	8	9
15	16	17	18	19	20	21	15	16	17	18	19	20	21	12	13	14	15	16	17	18	10	11	12	13	14	15	16
22	23	24	25	26	27	28	22	23	24	25	26	27	28	19	20	21	22	23	24	25	17	18	19	20	21	22	23
29	30	31					29	30	31					26	27	28	29	30			31	24	25	26	27	28	29

# CALENDAR FOR 1951

JANUARY							FEBRUARY							MARCH							APRIL						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7
8	9	10	11	12	13	14	8	9	10	11	12	13	14	8	9	10	11	12	13	14	8	9	10	11	12	13	14
15	16	17	18	19	20	21	11	12	13	14	15	16	17	11	12	13	14	15	16	17	15	16	17	18	19	20	21
22	23	24	25	26	27	28	18	19	20	21	22	23	24	18	19	20	21	22	23	24	22	23	24	25	26	27	28
29	30	31					25	26	27	28				25	26	27	28	29	30	31	29	30					

MAY							JUNE							JULY							AUGUST						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7
8	9	10	11	12	13	14	8	9	10	11	12	13	14	8	9	10	11	12	13	14	5	6	7	8	9	10	11
15	16	17	18	19	20	21	10	11	12	13	14	15	16	15	16	17	18	19	20	21	12	13	14	15	16	17	18
22	23	24	25	26	27	28	17	18	19	20	21	22	23	22	23	24	25	26	27	28	19	20	21	22	23	24	25
29	30	31					24	25	26	27	28	29	30	29	30	31					26	27	28	29	30	31	

SEPTEMBER							OCTOBER							NOVEMBER							DECEMBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7
8	9	10	11	12	13	14	7	8	9	10	11	12	13	4	5	6	7	8	9	10	2	3	4	5	6	7	8
15	16	17	18	19	20	21	14	15	16	17	18	19	20	11	12	13	14	15	16	17	9	10	11	12	13	14	15
22	23	24	25	26	27	28	21	22	23	24	25	26	27	18	19	20	21	22	23	24	16	17	18	19	20	21	22
29	30	31					28	29	30	31				25	26	27	28	29	30		23	24	25	26	27	28	29